




PENELUSURAN PATEN DENGAN MEMANFAATKAN MESIN PENCARI GRATIS

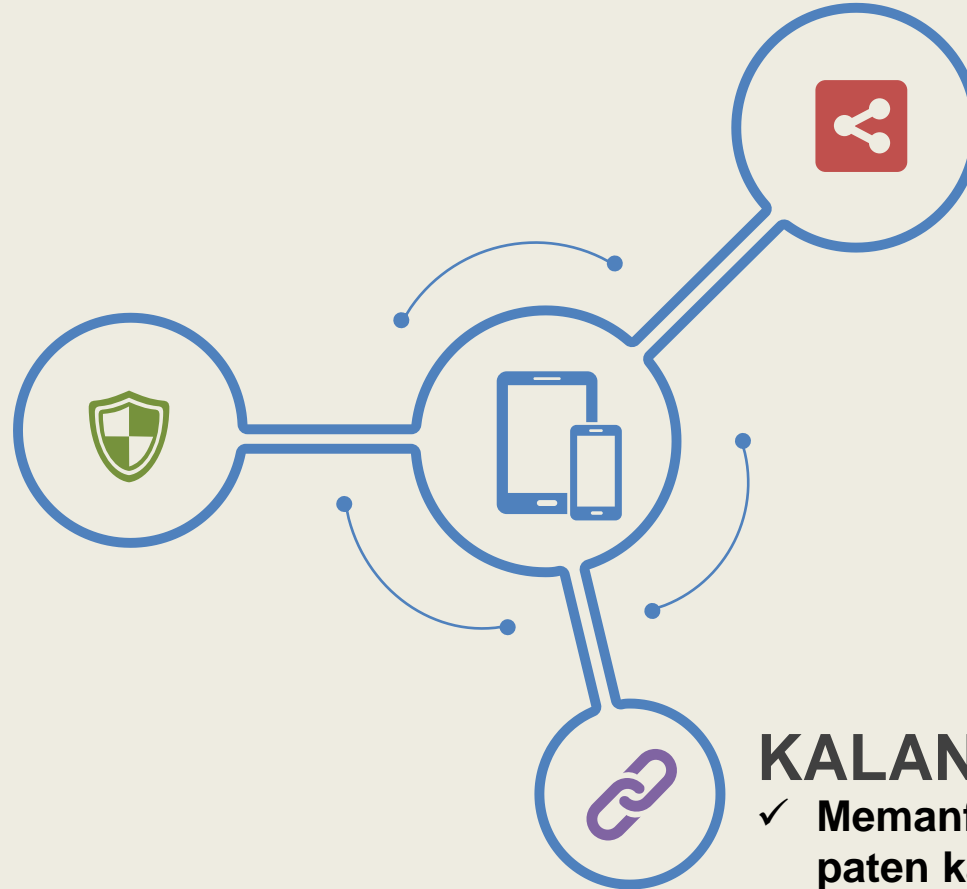
**Tim Narasumber Direktorat Riset, Teknologi, dan Pengabdian Masyarakat (DRTPM)
Kementerian Pendidikan, Kebudayaan, Riset, dan Teknologi**



Tujuan Penelusuran

INVENTOR

- ✓ Mengetahui apakah prior art yang terkait dengan invensi telah ada
- ✓ Membantu pengambilan keputusan pengajuan paten
- ✓ Membantu menentukan lingkup klaim yang akan dibuat



PENELITI

- ✓ Mendapatkan sumber inspirasi topic penelitian
- ✓ Mengetahui state of the art dari teknologi yang akan diteliti
- ✓ Mendapatkan detail metode penelitian

KALANGAN USAHA

- ✓ Memanfaatkan paten-paten kadaluwarsa dalam pengembangan usaha

- Judul Invensi
- Abstrak
- Nama inventors
- Name patent assignee;
- Tanggal-tanggal penting
- Nomer-nomer penting
- Legal status dari document
- The designated states
- (Gambar).
- Deskripsi Teknis
- Klaim
- daftar dokumen yang disitasi

Informasi dalam Dokumen Paten



US 20190337590A1

(19) **United States**

(12) **Patent Application Publication** (10) Pub. No.: **US 2019/0337590 A1**

JORDAN

(43) Pub. Date:

Nov. 7, 2019

(54) **BICYCLES WITH ELECTRONIC SHIFTING SYSTEMS AND METHODS**

B62F 99/00 (2006.01)

B62M 9/32 (2006.01)

B62L 3/02 (2006.01)

B62K 23/06 (2006.01)

B62K 23/02 (2006.01)

B62M 9/22 (2006.01)

(71) Applicant: **SRAM, LLC, Chicago, IL (US)**

(72) Inventor: **BRIAN JORDAN, HIGHLAND PARK, IL (US)**

(73) Assignee: **SRAM, LLC, Chicago, IL (US)**

(21) Appl. No.: **16517,136**

(22) Filed: **Jul. 19, 2019**

Related U.S. Application Data

(60) Division of application No. 15/407,015, filed on Jun. 16, 2017, which is a continuation of application No. 14/516,021, filed on Oct. 16, 2014, now Pat. No. 9,580,146, which is a continuation of application No. 13/228,588, filed on Sep. 9, 2011, now Pat. No. 8,886,417.

Publication Classification

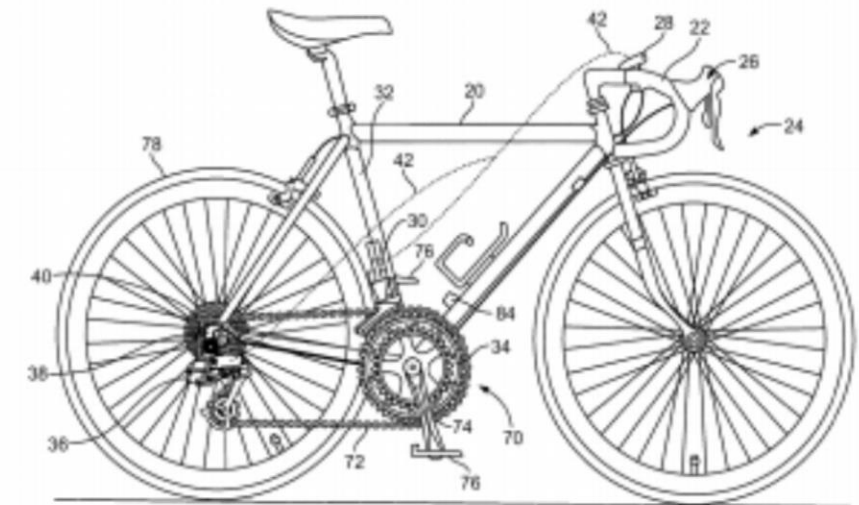
(51) **Int. Cl.**
B62M 25/08 (2006.01)
F16H 59/04 (2006.01)

(52) **U.S. Cl.**

CPC ----- *B62M 25/08* (2013.01); *F16H 59/04* (2013.01); *B62F 99/00* (2013.01); *B62M 9/32* (2013.01); *B62L 3/02* (2013.01); *B62F 2099/0612* (2013.01); *B62K 23/02* (2013.01); *B62M 9/22* (2013.01); *F16F 7A/20017* (2015.01); *B62F 2099/002* (2013.01); *B62K 23/06* (2013.01)

(57) **ABSTRACT**

Electronic shifting systems, mechanisms and methods of using and/or controlling the systems to operate a bicycle that allows front and rear gear changer mechanisms to be controlled with only two switches. The switches can be arranged so that each hand is only required to operate one switch to shift the bicycle.



Apakah Invensi saya sudah ada?

Prior Art study dapat membantu kita untuk mengetahui:



Seberapa banyak invensi serupa telah ada



Peluang untuk melakukan inovasi



Kompetitor dalam bidang teknologi terkait



Mempertajam invensi sehingga berbeda dengan competitor.

PRIOR ART

adalah segala bentuk informasi yang telah diketahui oleh khalayak sebelum pendaftaran paten.

Contoh Prior art:

- ✓ *Informasi paten yang telah dipublished.*
- ✓ *Informasi dari Journal dan artikel majalah/surat kabar.*
- ✓ *Buku, manual, katalog yang telah beredar luas.*
- ✓ *Websites*
- ✓ *Conference proceedings*

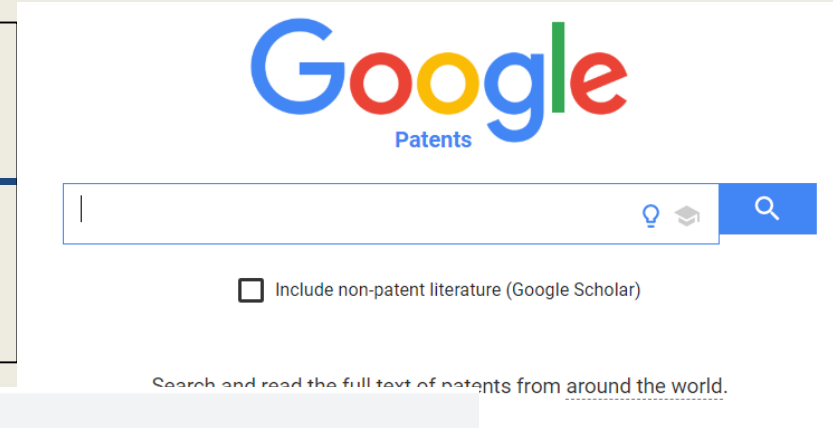
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- <http://www.jpo.go.jp> (Japan Patent Office)
- <http://www.dgip.go.id>



Penelusuran Paten

Teknik Dasar Melakukan Penelusuran Paten?

- *Text searching,*
- *Patent classification searching*



A screenshot of the Espacenet patent search results page. The browser address bar shows 'worldwide.espacenet.com/patent/search?q=tempe'. The Espacenet logo and 'Patent search' text are visible. The search bar contains the query 'tempe'. Below the search bar is a navigation menu with 'My Espacenet', 'Help', 'Classification search', and 'Results'. The 'Results' tab is active. To the right of the navigation menu are three toggle switches for 'Advanced search', 'Filters', and 'Popup tips'. Below the navigation menu, the breadcrumb 'Home > Results' is shown. The main content area displays '114 143 results found'. There are three dropdown menus for 'List view' (set to 'Text only'), 'List content' (set to 'All'), and 'Sort by' (set to 'Relevance'). Below these menus is a checkbox for '(0 patents selected) Select the first 20 results'. The first search result is highlighted: '1. METHOD FOR PRODUCING TEMPE-CONTAINING SAUCE AND SAUCE ...'. Below the title is the patent number 'WO2021086100A1', the date '2021-05-06', and the applicant 'CJ CHEILJEDANG CORP [KR]'. It also shows 'Earliest priority: 2019-10-30' and 'Earliest publication: 2021-05-06'. The abstract text begins with '...The present invention relates to a new concept for a sauce and, in particular, to a novel sauce using tempe and a method for producing same. The method for producing a tempe-containing sauce according to the present application comprises secondarily fermenting tempe along with'.



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Text searching

- Identify main concepts of the invention.
- Develop words and terms for each concept.
- Perform text research using multiple databases.

Searching menggunakan keywords

Catatan penting:

- Buat rumusan konsep dasar invensi
- List keywords yang mungkin (hindari phrases)
- Cari sinonim dari keywords yang digunakan (dalam ejaan Bahasa Inggris UK dan AS)
- Cari nama dagang dan nama generic.

About 74,000 results (0.44 seconds)



www.google.co.id/patents/US229685

Umbrella



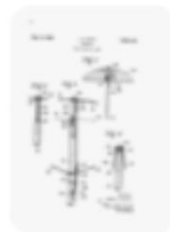
Grant · Filed Dec 3, 1879 · Issued Jul 6, 1880 · [Alexandeb H. Ege](#)

Umbrella. Nd. 229,685. Patented July 6, 1880. N-FETERS, PKOWLITHOGRAPHER, WASHINGTON. D C. ATTORNEYS.

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www.google.co.id/patents/US2651315

Umbrella



Grant · Filed Jun 28, 1950 · Issued Sep 8, 1953 · [Witty James C](#) · [Troy Sunshade Company](#)

Another object of the invention is to provide such an **umbrella** construction which does not tional **umbrellas**. It is also an object of the invention to provide ...

[Overview](#) · [Related](#) · [Discuss](#)





(umbrella OR parasol OR sunshade)



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Tools

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Umbrella



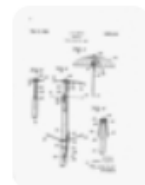
Grant · Filed Dec 3, 1879 · Issued Jul 6, 1880 · [Alexandeb H. Ege](#)

UM BRELLA. SPECIFICATION forming part of Letters Patent No. 229,685, dated July 6, 1880. Application filed December 3, 1879. To ...

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www.google.co.id/patents/US2651315

Umbrella



Grant · Filed Jun 28, 1950 · Issued Sep 8, 1953 · [Witty James C](#) · [Troy Sunshade Company](#)

Application filed by Troy **Sunshade** Co ... 1 is a view in side elevation, partly broken away, illustrating an **umbrella** construction in accordance with the ...

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((umbrella OR parasol OR sunshade) AND (windproof or "wind resistant"))



All

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www.google.co.id/patents/US5487401

Windproof umbrella



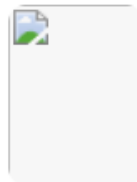
Grant · Filed Nov 15, 1994 · Issued Jan 30, 1996 · [Gary D. Johnson](#) · [Leonard Holtz](#)

A **windproof umbrella** includes a post having a lower end to be grasped by a user and an opposite upper end; a plurality of ribs ... **Wind resistant umbrella.**

[Overview](#) · [Related](#) · [Discuss](#)

www.google.co.id/patents/US9756912

Wind resistant umbrella



Grant · Filed Feb 24, 2016 · Issued Sep 12, 2017 · [David Haythornthwaite](#) · [Shedrain Corporation](#)

A **wind resistant umbrella** includes an upper canopy that is attached to a lower canopy at select points. Elastic fasteners (e.g., elastic straps) elastically ...

[Overview](#) · [Related](#) · [Discuss](#)

Contoh invensi: camping bicycle

- The bicycle is light, portable and easy to pack on camping trips.
- Backpackers and climbers can carry the bicycle uphill and once at the top of a trail unfold the bicycle before making a speedy descent down a mountain.



Buat rumusan dasar konsep invensi

<https://patents.google.com/patent/DE202012001497U1/en>

- 1 Side view of the closed trailer.
- 2 Side view of the open trailer.
- 3 Front view of the closed trailer with attached bicycles.

Bicycle trailer with wheels and drawbar **characterized** in that the trailer body has the form of a small camping car, consisting of 2 shells (1 u. 2) is a hinge (8th) unfolded and know to be closed again.

Bicycle trailer according to claim 1, characterized in that the shells (1 u. 2) in lightweight construction, are made floating and ask for one or two people in a reclining and sitting position space.

Bicycle trailer according to preceding claims, characterized in that the body entry doors and windows (3) having.

Bicycle trailer according to preceding claims, characterized in that the shells removable benches (6) to have.

Bicycle trailer according to preceding claims, characterized in that on both sides of the lower shell holders (9) for attaching bicycles.

Bicycle trailer according to any preceding claims, characterized in that extendable supports are on the lower shell.

Sinonim dari keywords

- Gunakan kamus, nama dagang, informasi internet untuk mencari sinonim yang mungkin.
- Backpack or Rucksack or Knapsack
- Bicycle or “Two Wheeled Vehicle”
- (Folding or Hinged or Collapsible) Bicycle Frame
- (Front or Lead or Steering) Wheel
- (Rear or Back or Trail) Wheel



Camping bicycle: umum ke spesifik

<u>Set Number</u>	<u>Database Commands</u>	<u>Hits/Results</u>
X1	Backpack or Rucksack	10,000
X2	Bicycle or "Two Wheeled Vehicle"	1,500,000
X3	Folding Bicycle Frame	40,000
X4	Front Wheel	200,000
X5	Rear Wheel	3,000,000
X6	X1 AND X2	4,000
X7	X6 AND X3	500
X8	X7 AND X4	50
X9	X1 AND X5	8,000
X10	X9 AND X2	400
X11	X10 AND X3	30

Camping bicycle: umum ke spesifik



X1			10,000
X2			1,500,000
X3			40,000
X4			200,000
X5			3,000,000
X6		X1 AND X2	 4,000
X7		X6 AND X3	 500
X8		X7 AND X4	 50
X9		X1 AND X5	 8,000
X10		X9 AND X2	 400
X11		X10 AND X3	 30

<https://worldwide.espacenet.com/>

(19) **United States**

(12) **Patent Application Publication**
Lombardi et al.

(10) **Pub. No.: US 2017/0238408 A1**
(43) **Pub. Date: Aug. 17, 2017**

(54) **HIGH FREQUENCY COMPACT
LOW-ENERGY LINEAR ACCELERATOR
DESIGN**

(71) Applicant: **CERN EUROPEAN
ORGANIZATION FOR NUCLEAR
RESEARCH**, Geneva 23 (CH)

(72) Inventors: **Alessandra Lombardi**, Geneva (CH);
Maurizio Vretenar, Plan-les-Ouates
(CH); **Serge Mathot**, Thoiry (FR);
Alexej Grudiev, Duillier (CH)

Publication Classification

(51) **Int. Cl.**
H05H 9/04 (2006.01)
H05H 7/04 (2006.01)
H05H 7/18 (2006.01)

(52) **U.S. Cl.**
CPC *H05H 9/045* (2013.01); *H05H 7/18*
(2013.01); *H05H 7/04* (2013.01); *H05H*
2007/041 (2013.01); *H05H 2277/00* (2013.01)

Masukkan ke
espacenet

Gunakan Smart Search untuk melihat Berapa banyak hasilnya?

H05H9/04 (536 hasil)

H05H7/04 (2,486 hasil)

H05H7/18 (1,060 hasil)

Thank you

