

Search history

Search 1: FT=((trailer or towing or carrier) and wheel* and (bike or motorbike or cycle or vehicle)) and PD=19500101:20170505 and EC=(B62D or B66F or B60P or B62J) (Results 22598)

Search 2: FT=((trailer or towing or carrier) and wheel* and (bike or motorbike or cycle or vehicle)) and PD=19500101:20170505 and EC=(B62D or B66F or B60P or B62J) (Results 22598)

Search 3: FT=(trailer and wheel* and (bike or motorbike or cycle)) and PD=19500101:20170505 and EC=(B62D or B66F or B60P or B62J) (Results 859)

Search 4: FT=(trailer and wheel* and (bike or motorbike or cycle) and frame) and PD=19500101:20170505 and EC=(B62D or B66F or B60P or B62J) (Results 603)

Search 5: FT=(trailer and wheel* and (bike or motorbike or cycle) and frame and joint) and PD=19500101:20170505 and EC=(B62D or B66F or B60P or B62J) (Results 157)

Search 6: FT=(trailer and wheel* and (bike or bicycle) and frame and joint) and PD=19500101:20170505 and EC=(B62D or B66F or B60P or B62J) (Results 97)

Search 7: TA=(trailer and wheel* and (bike or bicycle) and frame and joint) and PD=19500101:20170505 and EC=(B62D or B66F or B60P or B62J) (Results 3)

Search 8: TA=(trailer and wheel* and (bike or bicycle)) and PD=19500101:20170505 and EC=(B62D or B66F or B60P or B62J) (Results 81)

Title: DISPOSITIF D'ACCOUPLEMENT ENTRE DEUX VEHICULES NOTAMMENT UNE REMORQUE A ROUES MOTRICES ET UN MOTOCULTEUR, AINSI QUE LES VEHICULES MUNIS DE CE DISPOSITIF OU SIMILAIRE DEVICE FOR COUPLING TWO VEHICLES ESPECIALY A **TRAILER WHEEL** DRIVE AND MOTOCULTEUR, AND VEHICLES EQUIPPED WITH SAME OR SIMILAR (Machine translation)

Abstract: Source: FR1281099A [FR] (Claim 1) 1 RESUME L'invention s'étend notamment aux caractéristiques ci-après et à leurs diverses combinaisons possibles 11, Dispositif d'accouplement entre deux véhicules notamment une remorque à roues motrices et un motoculteur, dispositif caractérisé par deux plateaux concentriques solidaires en translation et mobiles en rotation l'un par rapport à l'autre, ces deux plateaux étant reliés respectivement au moto-culteur et à la remorque, ce qui assure la liaison entre les deux véhicules tout en absorbant les oscillations de l'un par rapport à l'autre;

Machine translation: (Claim 1) 1 SUMMARY The invention extends in particular with the characteristics listed after and their various combinations 11, Coupling between two vehicles including a **trailer wheel** drive and a tiller, device characterized by Castles pla two concentric integral in translation and mobile-rotating with respect to each other, these two plates are connected respectively to the farmer and the **bike trailer**, which liaises between the two vehicles while absorbing the oscillations relative to each other;

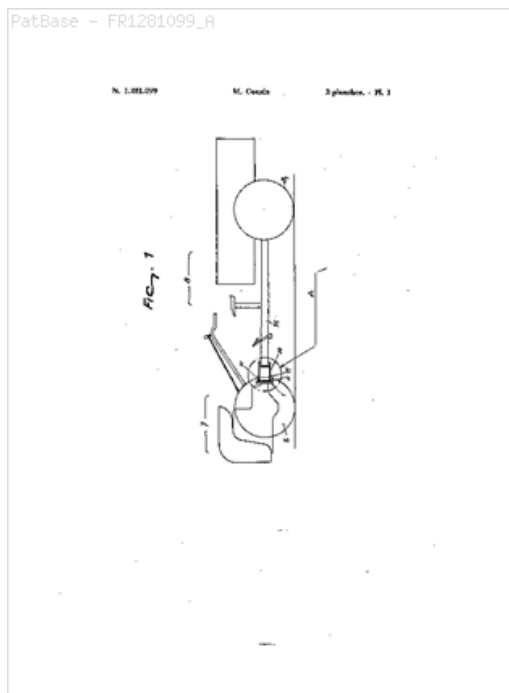
Classifications:

International (IPC 8-9): B62D49/06 B62D53/02 (Advanced/Invention);
B62D49/00 B62D53/00 (Core/Invention)

International (IPC 1-7): B62D49/00

CPC: B62D49/0664 B62D53/02 B62D53/021

European: B62D49/06G B62D53/02 B62D53/02C



Family:

Publication number	Publication date	Application number	Application date
FR1281099 A	19620108	FR19610853291	19610220

Priority:

FR19610853291 19610220

Inventor(s): (std):

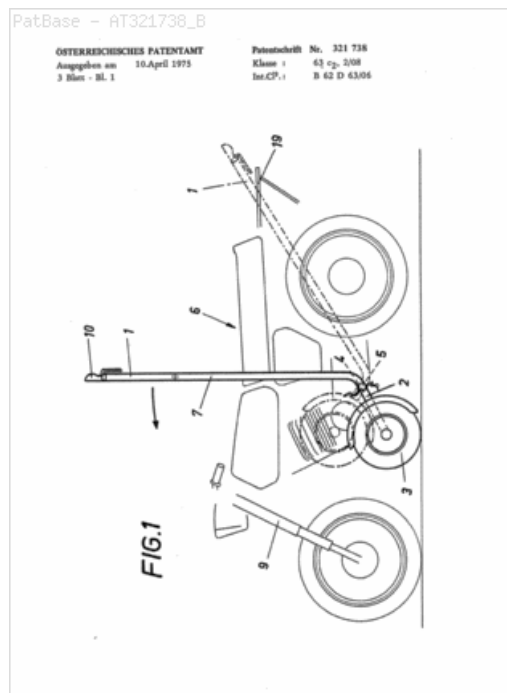
COUSIN MARCEL

Title: EINACHSANHAENGER FÜR DEN MOTORRADTRANSPORT SINGLE AXLE **TRAILER** FOR THE TRESTLE (Machine translation)

Abstract: Source: AT321738B [DE] [Source: Claim 1] PATENTANSPRUCH: Einachsanhänger fuer den Motorradtransport, gekennzeichnet durch einen U-förmigen Buegel, an dessen Scheitel eine Anhaengekupplung (10,11) vorgesehen ist und dessen in der Transportstellung aus der Buegelebene abwaerts gekroepfte Schenkelenden (2) die Laufräder (3) tragen, wobei im Kroepfungsbereich vorzugsweise schellenfoermige Lagerungen (4) zur Aufnahme der Motorradfussrasten (5) angeordnet und die Buegelschenkel (7) mit an der Vorderradgabel (9) od. dgl. des Motorrades (6) angreifenden, schwenkbaren Stuetzen (8) versehen sind. **Machine translation:** [Source: claim 1] CLAIM: Single axle **trailer** for the trestle, characterized by a u-shaped bracket, a towbar (10,11) is at its peak and the leg ends down hooked into the transport position of the bracket level (2) carry the **wheels** (3), where in the bend area preferably clamp-shaped bearings (4) to take of the motorcycle footpegs (5) arranged and with attacking the iron legs (7) on the front fork (9) / etc. of the **bike** (6), swivel brackets (8) are fitted.

Classifications:

International (IPC 8-9): B60P3/12 B62D53/04
 B62D63/06 (Advanced/Invention);
 B60P3/12 B62D53/00 B62D63/00 (Core/Invention)
International (IPC 1-7): B62D63/06
CPC: B60P3/127 B62D53/04 B62D63/062
European: B60P3/12B1 B62D53/04 B62D63/06C



Family:

Publication number	Publication date	Application number	Application date
AT321738 B	19750410	AT19720009652	19721114

Priority:

AT19720009652 19721114

Probable Assignee: STEYR DAIMLER PUCH AG

Assignee(s): (std): STEYR DAIMLER PUCH AG ; STEYR DAIMLER PUCH OE AG

Assignee(s): STEYR DAIMLER PUCH AKTIENGESellschaft

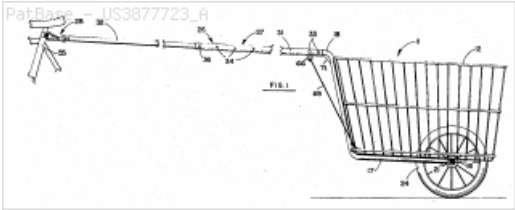
Inventor(s): (std): STRZYGOWSKI W ; WALTER STRZYGOWSKI

Title: **Bicycle trailer**

Abstract: A **bicycle trailer** is disclosed wherein the frame is a lightweight tubular T-shaped fixture supporting a wire basket. The transverse tube houses an axle on which a pair of **wheels** are mounted. The transverse tube is located aft of the geometrical center of the basket, preferably about 6 inches from the rear of the basket. To adjust the cargo weight bearing on the rear **wheel** of the **bicycle**, the stem of the T-shaped fixture, or the longitudinal tubular member, besides being bent into a "Z" to extend upward and forward in front of the basket, has a means whereby the longitudinal member can be extended for heavier loads than for lighter loads. Thus the weight on the rear **wheel** is kept within acceptable limits regardless of the size and weight of the cargo. To further facilitate ease in pedalling, a universal joint is used to fasten the **trailer** by the end of the longitudinal member to the **bicycle**.

Classifications:

International (IPC 8-9): B62B1/18 B62D53/04
B62K27/00 (Advanced/Invention)
International (IPC 1-7): B60D1/14 B62D63/06
CPC: B62B1/18 B62D53/04 B62K27/003 B62K27/02
European: B62B1/18 B62D53/04 B62K27/00 B62K27/00B
B62K27/02
US: 280/204 280/47.26 280/492 D12/114



Family:

Publication number	Publication date	Application number	Application date
US3877723 A	19750415	US19730406751	19731029

Priority:

US19730406751 19731029

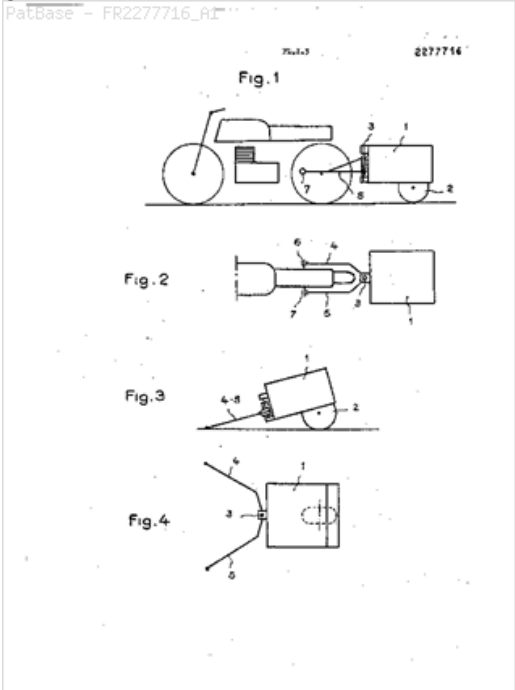
Probable Assignee: FAHEY ROBERT W C
Assignee(s): (std): FAHEY ROBERT W C ; MCKINZIE KENNETH W
Inventor(s): (std): FAHEY ROBERT W C ; MCKINZIE KENNETH W

Title: LIGHT TRAILER FOR TWO WHEEL VEHICLE - HAS TWO ARMS FROM VERT TRAILER PIVOT TO HORIZ VEHICLE PIVOT

Abstract: Light trailer has drawgear with a vertical pivot in front of the trailer and two bent arms, hinged at one end to the pivot and at the other end to the vehicle, so as to move in a horizontal plane. There are means of locking these arms to a chosen width at the vehicle. The arms are hinged below the level of the trailer floor. The vertical pin (3) can turn freely in two supports which can also form stops. The ends of the arms have holes through which passes a horizontal pin connecting the drawgear to the bicycle. Nuts secure the arms and can adjust height.

Classifications:

International (IPC 8-9): B60D1/167 B62D63/06 (Advanced/Invention);
B60D1/00 B62D63/00 (Core/Invention)
International (IPC 1-7): B60D1/00 B62D63/08
CPC: B60D1/167 B62D63/067
European: B60D1/167 B62D63/06C3B



Family:

Publication number	Publication date	Application number	Application date
FR2277716 A1	19760206	FR19740023750	19740708
FR2277716 B3	19770506	FR19740023750	19740708

Priority:

FR19740023750 19740708

Probable Assignee:

DESBORDES BERNARD

Assignee(s): (std):

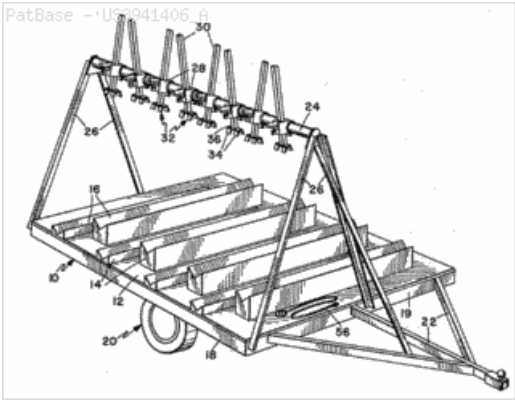
DESBORDES BERNARD

Title: **Bicycle** carrying rack

Abstract: A multiple **bicycle** carrying rack comprising a bed or base member having raised grooved tracks of alternately staggered heights onto which **bicycles** are rolled and handle-bargripping clamps which are lowered from an overlying support to forceably engage the handlebars and thereby restrain the movement of the **bicycles** in any direction. The clamps are staggered longitudinally of the rails, which in conjunction with the vertically staggered **wheel** grooves permits very close lateral spacing of the **bicycles**, an important feature inasmuch as the rack will be made into, or transported on, a **trailer**. Double locking of the **bicycles** is accomplished by locks for the handlebar clamps and cables passing from the base member through the **bicycle** frames to the clamp locks.

Classifications:

International (IPC 8-9): B60P3/07 B60R9/10
B62D63/06 (Advanced/Invention);
B60P3/06 B60R9/00 B62D63/00 (Core/Invention)
International (IPC 1-7): B60P3/06
CPC: B60P3/07 B60R9/10 B62D63/064
European: B60P3/07 B60R9/10 B62D63/06C2
US: 211/17 211/5 211/8 280/400 296/3 410/3 D12/101



Family:

Publication number	Publication date	Application number	Application date
US3941406 A	19760302	US19740531039	19741209

Priority:

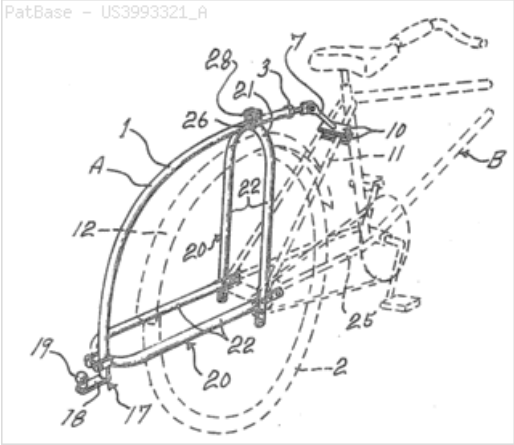
US19740531039 19741209

Probable Assignee:	EGGLESTON DAVID M
Assignee(s): (std):	EGGLESTON DAVID M
Inventor(s): (std):	EGGLESTON DAVID M

Title: **Bicycle** hitch

Abstract: An attachment for a **bicycle** serving as a hitch for towing a small **trailer** or coaster. The **bicycle** hitch can be attached to any standard **bicycle** without modifying the same and is adjustable to suit **bicycles** of various **wheel** diameters. The **bicycle** hitch includes a curved tubular member subtending substantially a quarter circle, adapted to spacedly surround the top back quarter portion of the rear driving **wheel** of a **bicycle** in the plane of said rear **wheel** and substantially coaxial therewith. This curved member is adjustably attached to the **bicycle** frame or to the seat support rod at its front end, while its rear end carries a standard ball member for hitching purposes. The curved member is further secured to the rear **wheel** axle of the **bicycle** by means of a pair of U-shaped fork members having a series of apertures at the outer ends of their legs to adjustably receive the protruding ends of the **bicycle wheel** rear axle, while the bight portion of each fork member is provided with a clamping member adjustably securable to the curved member along the length of the latter.

Classifications:
International (IPC 8-9): B62J99/00 B62K27/12 (Advanced/Invention)
International (IPC 1-7): B62J39/00
CPC: B62J99/00 B62J2099/0073 B62K27/12
European: B62J99/00 B62K27/12 L62J99/00K
US: 280/204 D12/162



Family:

Publication number	Publication date	Application number	Application date
US3993321 A	19761123	US19750607826	19750825

Priority:
US19750607826 19750825

Probable Assignee:

Assignee(s): (std):

Inventor(s): (std):

COTE RENE
COTE RENE
COTE RENE

Title: LIGHT TRAILER FOR BICYCLE - IS CONSTRUCTED WITH LOW SLUNG PLATFORM AND UPPER DRAWBAR ON SUPPORT STRUTS

Abstract: The bicycle trailer has a low slung platform (5) between the large side wheels (6) and a drawbar (7) set above the level of the wheels to clamp to the bicycle behind the saddle. The load platform is linked to the drawbar by a vertical, rectangular frame (3) as well as diagonal struts (8, 9). The trailer is made from simple components and can be demounted for compact storage. The low slung platform provides a low centre of gravity and a high degree of stability.

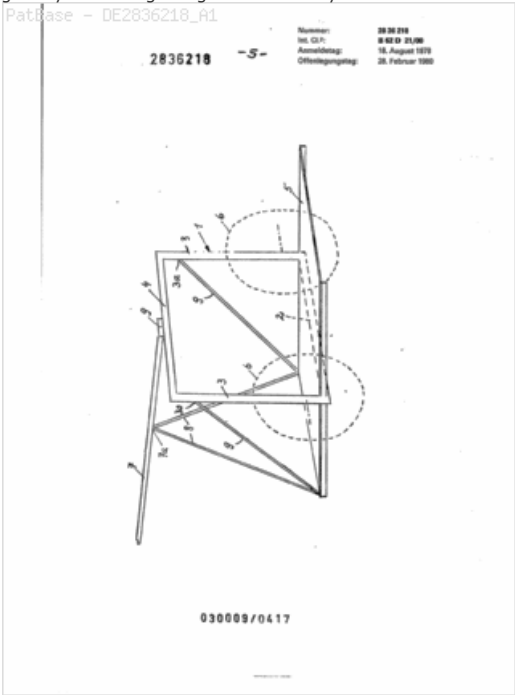
Classifications:

International (IPC 8-9): B62D63/08 B62K27/00 (Advanced/Invention); B62D63/00 B62K27/00 (Core/Invention)

International (IPC 1-7): B62D21/00

CPC: B62D63/08 B62K27/003

European: B62D63/08 B62K27/00 B62K27/00B



Family:

Publication number	Publication date	Application number	Application date
DE2836218 A1	19800228	DE19782836218	19780818

Priority:

DE19782836218 19780818

Probable Assignee:

HIEKE MECHTHILD

Assignee(s): (std):

HIEKE MECHTHILD

Inventor(s): (std):

HIEKE MECHTHILD

Title: BODY RECEPTACLE FOR A **WHEELED** FRAME

Abstract: A body receptacle for a **wheeled** frame allows for the transport of babies in a **bicycle trailer**. The body receptacle has a flexible mat that is brought into the intended transport form with the help of tensioning devices.

Classifications:

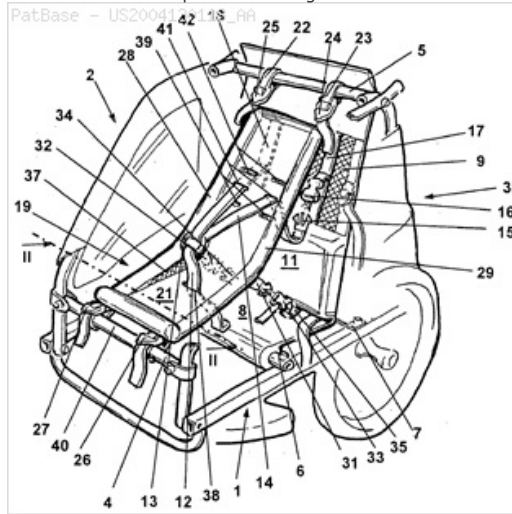
International (IPC 8-9): A47C31/00 A47C4/28 A47D13/02 A47D15/00 B60N2/26 B60N2/28 B62B1/00 B62B1/06 B62B9/00 B62B9/10 B62B9/24 B62B9/28 B62D63/06 B62D63/08 B62K27/00 B62K27/02 B62K27/10 H02J7/14 (Advanced/Invention)

International (IPC 1-7): A47D13/02 B60N2/26 B62B9/00 B62B9/10 B62B9/24 B62D63/06 B62D63/08 B62J1/00 B62J1/16 B62K27/00 B62K27/02 B62K27/10 H01M10/44 H02J7/14 H02J7/16 H02J7/24 H02P13/26

CPC: H02J7/1492 Y02T10/92 B60N2/2806 B60N2/2812 B60N2/2854 B62D63/064 B62K27/003 B62K27/04 B62K27/10

European: B60N2/28B2 B60N2/28B4 B60N2/28J B62D63/06C2 B62K27/00 B62K27/00B B62K27/04 B62K27/10 H02J7/14K6 Y02T10/92

US: 280/204 280/204P 280/47.38 280/647 280/647P 280/650 280/657 280/658 297/219.12 297/219.120P 320/61 322/89 327/389 363/89



Family:

Publication number	Publication date	Application number	Application date
AT443654 E	20091015	AT20030019144T	20030825
AT471273 E	20100715	AT20030158270T	20030825
CA2444400 AA	20040310	CA20032444400	20030909
CA2444400 C	20110517	CA20032444400	20030909
CA2734021 AA	20040310	CA20032734021	20030909
CA2734021 C	20130219	CA20032734021	20030909
DE10242198 A1	20040311	DE20021042198	20020910
DE10242198 B4	20060413	DE20021042198	20020910
DE10242198 C5	20110630	DE20021042198	20020910
DE20220758 U1	20040311	DE20022020758U	20020910
DE20321602 U1	20080430	DE20032021602U	20030825
DE3019144 A1	19811126	DE19803019144	19800520
DE3019144 C2	19890420	DE19803019144	19800520
DE50311940 D1	20091105	DE20035011940	20030825
DE50312820 D1	20100729	DE20035012820	20030825
DK1398262 T3	20100201	DK20030019144T	20030825
DK2075185 T3	20101018	DK20030158270T	20030825
EP1398262 A2	20040317	EP20030019144	20030825
EP1398262 A3	20051005	EP20030019144	20030825
EP1398262 B1	20090923	EP20030019144	20030825
EP2075185 A1	20090701	EP20090158270	20030825
EP2075185 B1	20100616	EP20090158270	20030825
FR2483141 A1	19811127	FR19810005245	19810316
FR2483141 B1	19851206	FR19810005245	19810316
US2004130118 AA	20040708	US20030658785	20030909
US2007001430 AA	20070104	US20060519364	20060911
US2009026817 AA	20090129	US20080245658	20081003
US4382222 A	19830503	US19810263356	19810514
US7431324 BB	20081007	US20060519364	20060911
US7690675 BB	20100406	US20080245658	20081003

Priority:

DE19803019144	19800520	DE20022020758U	20020910	DE20021042198	20020910
DE20032021602U	20030825	EP20030019144	20030825	DE20035012820	20030825
CA20032444400	20030909	CA20032734021	20030909	US20030658785	20030909
US20060519364	20060911	US20080245658	20081003		

Probable Assignee: THULE CANADA INC

Assignee(s): (std): ALBERTA LTD 634182 ; BOSCH GMBH ROBERT ; 634182 ALBERTA LTD ; ZWEI PLUS ZWEI MARKETING GMBH ; SZWEI PLUS ZWEIS MARKETING GMB ; ZWEI PLUS ZWEI GMBH

Assignee(s): THULE CANADA INC ; THULE CHILD TRANSPORT SYSTEMS LTD ; SZWEI PLUS ZWEIS MARKETING GMBH ; 634182 ALBERTS LTD ; BRITTON DANIEL W ; ROBERT BOSCH GMBH ; ROBERT BOSCH GMBH A LIABILITY CO OF GERMANY LTD ; GEHLEN ANDREAS

Inventor(s): (std): BRITTON DANIEL ; BRITTON DANIEL W ; GEHLEN ANDREAS ; KURZ WOLFGANG ; MUNZ ULRICH ; KURZ WOLFGANG DIPL ING

Inventor(s): WOLFGANG KURZ ; MUNZ ULRICH 7125 KIRCHHEIM DE

Agent(s): BENNETT JONES LLP; STUTE IVO PETER; LENZING GERBER STUTE; CHRISTENSEN O'CONNOR JOHNSON KINDNESS PLLC; CHRISTENSEN OCONNOR JOHNSON KINDNESS PLLC

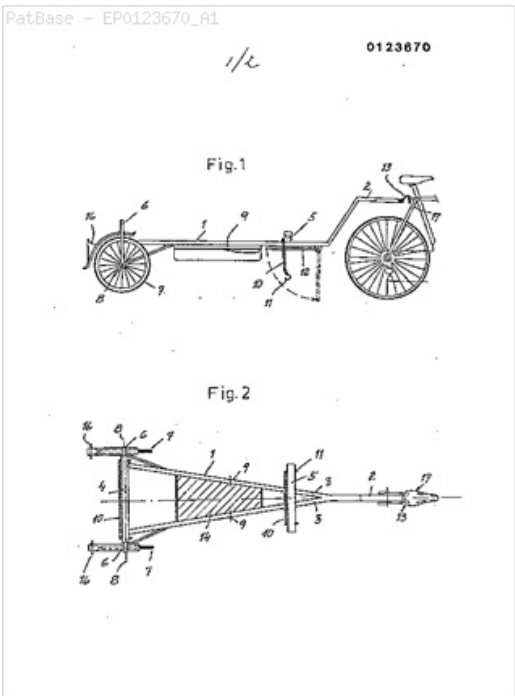
Designated states: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

Title: Transport **trailer** for at least one sail board.

Abstract: The invention has a frame which has two V-shaped legs (3) and an upwardly bent front part (2) on which a **trailer** device (13) is provided. At its rear end, there are two **wheel** forks (6) each attached to a leg and bearing a **wheel** (7). The crossbar (4) in the rear and (5) in the front area serves as support for the windsurfing board. The legs (3), arranged in a V shape, of the frame (1) can have in the centre region (9) a plug-in connection or hinges for folding together. Since the transport **trailer** holds a windsurfing board placed on it virtually balanced, only a small degree of loading is passed to the **trailer** coupling (13) on the **bicycle** (17).

Classifications:

International (IPC 8-9): B62B1/20 B62D63/06
B63B35/79 (Advanced/Invention)
International (IPC 1-7): B60P3/10 B62B1/20 B62D63/06
CPC: B62B1/20 B62D63/061 B63B35/7946
European: B62B1/20 B62D63/06B B63B35/79S



Family:

Publication number	Publication date	Application number	Application date
AT124983 A	19840415	AT19830001249	19830408
AT376404 B	19841126	AT19830001249	19830408
EP0123670 A1	19841031	EP19840890051	19840316

Priority:

AT19830001249 19830408

Probable Assignee:

STIEPOCK HERBERT

Assignee(s): (std):

STIEPOCK HERBERT

Inventor(s): (std):

STIEPOCK HERBERT

Designated states:

DE FR GB IT NL SE