

Title (en)

HYDRAULIC PLATFORM LIFT, ESPECIALLY FOR MOTORCYCLES

Title (de)

HYDRAULISCHE HEBEBÜHNE, INSBESONDERE MOTORRADHEBEBÜHNE

Title (fr)

PLATE-FORME ELEVATRICE HYDRAULIQUE, NOTAMMENT PLATE-FORME ELEVATRICE POUR MOTOS

Publication

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Application

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Abstract (en)

[origin: US6070699A] PCT No. PCT/DE96/00633 Sec. 371 Date Feb. 11, 1998 Sec. 102(e) Date Feb. 11, 1998 PCT Filed Apr. 3, 1996 PCT Pub. No. WO96/31321 PCT Pub. Date Oct. 10, 1996The present invention relates to a hydraulic platform lift, in particular a motorcycle platform lift, comprising a parallelogram chassis in which on one of the two parallel lifting arms a hydraulic cylinder, supported on the sub-frame, is articulated. The task of the invention is providing such a platform lift which has a substantially better intrinsic weight/lifting-force ratio than the comparable platform lifts known from prior art. This task is solved according to the invention by means of a platform lift of the above cited type thereby that the hydraulic cylinder (1) engages the lifting arm (4) at an articulation point (8) beneath the pivot axis (7) which for this purpose comprises in this region a projection (9) directed downwardly in order to make available a favorable lever arm (15) for the force transmission of the hydraulic cylinder (1), and that a tie (5) is provided connecting the support point (2) of the hydraulic cylinder (1) on the sub-frame (3) with the lifting arm (4), the articulation point (6) of which on the lifting arm (4) is coaxial with its pivot axis (7).

IPC 1-7

**B25H 1/00**; **B66F 7/08**

IPC 8 full level

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**US 6070699 A 20000606**; AT E176187 T1 19990215; AU 5269796 A 19961023; CA 2217361 A1 19961010; CN 1063997 C 20010404; CN 1185129 A 19980617; CZ 288852 B6 20010912; CZ 313697 A3 19980415; CZ 8421 U1 19990319; DE 29505521 U1 19950817; DE 59601230 D1 19990311; EP 0819039 A1 19980121; EP 0819039 B1 19990127; ES 2128845 T3 19990516; JP H11508191 A 19990721; SK 136397 A3 19980408; WO 9631321 A1 19961010

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