

Title (en)

Handle device for opening and closing the door of the body of trucks, trailers and the like

Title (de)

Handhabe für das Öffnen und das Schliessen von Lastwagentüren, Anhänger Türen oder ähnliches

Title (fr)

Poignée pour l'ouverture et la fermeture d'une porte de camion, d'une porte de remorque ou similaire

Publication

EP 1764463 A3 20090603 (EN)

Application

EP 06118362 A 20060803

Priority

IT BO20050569 A 20050920

Abstract (en)

[origin: EP1764463A2] A handle device for opening and closing the door of the body of trucks, trailers and the like, comprising at least one base (2), which is inserted in a respective seat (3) provided in the door (4), which is adapted to accommodate at least one grip bar (5) which is articulated, at a first end (6), to at least one rod (7) for actuating pawl means adapted to couple the door (4) to the frame of the body and forms, at the second end (8), at least one substantially ergonomic grip wing (9) for the operator, the grip bar (5) being able to turn manually between at least one closed angular position, in which it is accommodated within the base (2) and in which the pawl means are coupled to the frame of the body, and at least one open angular position, in which the grip bar (5) is substantially spaced from the base (2) and the pawl means are uncoupled from the frame of the body, so as to allow the free opening of the door (4), the base (2) comprising at least one first substantially box-like open element (10), which has a substantially laminar three-dimensional shape and is locked in the seat (3), and at least one second element (11), which has a substantially laminar three-dimensional shape, is associated with the first element (10) and forms rotary support means (13) for a button (14) for manual safety locking and release of the grip bar (5), the grip bar (5) having a substantially laminar three-dimensional shape so as to form, at the first end (6), at least one substantially tubular portion (29) for keying along the rod (7).

IPC 8 full level

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CPC (source: EP)

E05B 13/10 (2013.01); **E05B 83/10** (2013.01); **E05B 5/00** (2013.01)

Citation (search report)

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- [X] EP 1375786 A2 20040102 - DE MOLLI GIANCARLO INDUSTRIE SPA [IT]
- [X] US 2005110283 A1 20050526 - WITIAK LARRY [US], et al
- [X] GB 2028912 A 19800312 - ABEX CORP
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Cited by

EP2666935A1; EP3235977A1; EP3235979A1; EP2775073A1; TWI604999B

Designated contracting state (EPC)

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