

Title (en)

CLOSING DEVICE FOR LOADING OR UNLOADING OPENINGS OF TRANSPORT TANKS, ESPECIALLY FOR TANK OR HOPPER VEHICLES

Publication

EP 0260436 B1 19910417 (DE)

Application

EP 87111616 A 19870811

Priority

DE 3627871 A 19860816

Abstract (en)

[origin: EP0260436A2] The closing device for swivel lids (1), which are actuated by remote control via a linkage (2), has a control lever (11) as a constituent of the linkage (2), which lever on the one hand produces the swivel movement of the lid (1) and, on the other hand, controls the actuation of a locking hook (19). The actuation of the control lever (11) is advantageously effected via a lever triangle (8), on which the actuator (3) acts, and which transmits the actuation path of the actuator (3). After locking of the locking hook (19), the control lever (11) assumes an above dead centre position. <IMAGE>

IPC 1-7

B61D 5/00; **B65D 90/66**

IPC 8 full level

B61D 5/00 (2006.01); **B65D 90/10** (2006.01); **B65D 90/66** (2006.01)

CPC (source: EP)

B65D 90/10 (2013.01)

Cited by

CN101973421A; CN108584195A; DE102016003038B3; GB2300671A; US5655331A; GB2300671B; EP2853782A1; DE102013219233A1; US10836570B2; EP3492406A1; CN109867017A; JP2019099274A; RU2769205C2; IL262520B1; IL262520B2

Designated contracting state (EPC)

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EP 0260436 A2 19880323; **EP 0260436 A3 19881005**; **EP 0260436 B1 19910417**; AT E62634 T1 19910515; DE 3627871 A1 19880218; DE 3627871 C2 19891012; DE 3769415 D1 19910523

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