

Title (en)

CLOSURE AND LATCHING DEVICE, PARTICULARLY FOR THE DOORS OF VANS, CONTAINERS AND THE LIKE

Publication

EP 0270839 B1 19910403 (EN)

Application

EP 87116263 A 19871105

Priority

IT 2232986 A 19861113

Abstract (en)

[origin: EP0270839A1] The closure device comprises a T-shaped element (8) having a vertical portion (9), fixed to the end (1a) of a rod (1) rotatable on the face of the shutter of the door, and a horizontal part (10) fork-shaped at one end, with curved prongs (10a,10b) insertable within a coupler element having a double lug (19) protruding at one end of a plate-like element (16) fixed to the door-frame of the vehicle, said horizontal part (10) of said T-shaped element (8) having a longitudinal groove (13) engaging an element in the shape of a continuous rib (18) provided on said plate-like element (16). The coupling between the hook (8) and the coupler (16) begins when the curved tips (11,11a) of the prongs (10a,10b), as a consequence of the initial rotation of the vertical rod (1), act as levers by resting on the double lug (19) and force, by means of a further rotation of the fork-bearing rod, the rib (18) of the coupler to be gradually inserted in the longitudinal groove (13) until, when the coupling is achieved, the end of the horizontal part (10) of the T-shaped element (8) rests against an arrester abutment (20).

IPC 1-7

E05C 9/08

IPC 8 full level

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EP 0270839 A1 19880615; EP 0270839 B1 19910403; AT E62315 T1 19910415; DE 3769097 D1 19910508; DK 165795 B 19930118; DK 165795 C 19930621; DK 592487 A 19880514; DK 592487 D0 19871112; ES 2021680 B3 19911116; FI 84515 B 19910830; FI 84515 C 19911210; FI 874989 A0 19871112; FI 874989 A 19880514; IT 1197985 B 19881221; IT 8622329 A0 19861113; IT 8622329 A1 19880513

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