

Title (en)

COUPLING BETWEEN HANDLE AND ACTUATING BAR OF VEHICLE DOOR LOCK

Publication

**EP 0424204 B1 19930414 (FR)**

Application

**EP 90402740 A 19901003**

Priority

FR 8913558 A 19891017

Abstract (en)

[origin: CA2027371A1] Mechanism for linking an opening handle to a push pin for the lock of a vehicle door This mechanism (3) for linking an opening handle (4) to a lock pin (2) comprises a calliper (6) interacting with the handle (4), a rod (11) engaged so as to slide in only one direction in a sleeve (13) at the lower end of which the pin (2) is inserted; the sleeve (13) is equipped with a ring (19) which is slidably fitted around the sleeve and can be moved during set-up from a first position at the base of the flexible arms (14) to a second position situated at the ends of the arms nearest the calliper (6), in which position the ring (19) clamps the arms (14) around the rack (12) and is held in place by suitable means (23, 24). The ring (19) prevents the arms (14) and their inner teeth from coming away at all from the rack (12), thereby guaranteeing the total irreversibility of the mechanism in both directions of the link.

IPC 1-7

**E05B 65/20**; **G05G 23/02**

IPC 8 full level

**E05B 1/00** (2006.01); **E05B 65/20** (2006.01); **F16C 7/06** (2006.01)

CPC (source: EP US)

**E05B 79/12** (2013.01 - EP US); **Y10S 292/60** (2013.01 - EP US); **Y10T 292/57** (2015.04 - EP US); **Y10T 292/82** (2015.04 - EP US)

Cited by

FR2711171A1; CN103573031A; EP0666391A1; US5622396A; GB2290108A; GB2290108B; US5582445A; WO9418425A3

Designated contracting state (EPC)

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**EP 90402740 A 19901003**; BR 9005232 A 19901017; CA 2027371 A 19901011; DE 69001348 T 19901003; ES 90402740 T 19901003; JP 27887090 A 19901017; US 59725090 A 19901015