

Title (en)
LOCKING DEVICE FOR SWITCHGEAR WITH ELECTROMAGNETIC DRIVE

Publication
EP 0375732 B1 19910605 (DE)

Application
EP 88908152 A 19880929

Priority
DE 8715295 U 19871113

Abstract (en)
[origin: WO8904544A1] A locking device (6), in particular for vacuum contacters, prevents inadvertent mechanically-induced actuation of the contactor so long as the electromagnetic drive (1) is not excited. This is achieved by a locking lever (10) pivotally mounted on a bracket (7) between the two parallel coils (3) of the drive (1). A particularly rapid response of the locking lever (10) is achieved by means of a tongue (18) inclined at an acute angle and forming a continuation of the central part (17) of the U- or C-shaped principle element of the locking lever (10).

IPC 1-7
H01H 50/32

IPC 8 full level
H01H 3/20 (2006.01); **H01H 33/66** (2006.01); **H01H 50/32** (2006.01)

CPC (source: EP US)
H01H 50/321 (2013.01 - EP US); **H01H 33/666** (2013.01 - EP US)

Cited by
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DE GB IT SE

DOCDB simple family (publication)
DE 8715295 U1 19880107; DE 3863179 D1 19910711; EP 0375732 A1 19900704; EP 0375732 B1 19910605; JP 2615178 B2 19970528; JP H03502020 A 19910509; US 5075661 A 19911224; WO 8904544 A1 19890518

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DE 8715295 U 19871113; DE 3863179 T 19880929; DE 8800607 W 19880929; EP 88908152 A 19880929; JP 50755588 A 19880929; US 47798790 A 19900426