

Title (en)
Spring loaded rotary drive

Title (de)
Federspeicher-Drehantrieb

Title (fr)
Entrainement rotatif à ressort accumulateur

Publication
EP 0563848 B1 19960605 (DE)

Application
EP 93105155 A 19930329

Priority
DE 4210851 A 19920401

Abstract (en)
[origin: EP0563848A1] A spring-loaded rotary drive 10 for a load interrupter switch is described, which comprises a blocking device 16 which can be connected to the relevant switch shaft 14, two latching pawls 18, 20 which interact with locking surfaces 22 - 32 on the blocking device 16, and a plate cam 34 which can rotate relative to the locking device 16 against spring force and has cam surfaces 36 - 40 which act on the latching pawls. At least one of the latching pawls 18, 20 also interacts with a locking surface 42, 44 which is provided on the plate cam 34, in order to support the plate cam 34 when the spring arrangement is stressed, while the blocking device 16 is supported on the other latching pawl 20, 18 via an oblique surface 46, 48 which permits automatic tripping, said latching pawl 20, 18 for this purpose being partially lifted off by a relevant cam surface 36, 38 and further lifting off being prevented by a detachable blocking element 50, 52. <IMAGE>

IPC 1-7
H01H 3/30

IPC 8 full level
H01H 3/30 (2006.01)

CPC (source: EP)
H01H 3/30 (2013.01); **H01H 3/3031** (2013.01); **H01H 3/3042** (2013.01); **H01H 3/3047** (2013.01)

Cited by
CN106952771A; CN110739165A; EP3901977A1

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AT CH DE ES FR LI

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EP 0563848 A1 19931006; EP 0563848 B1 19960605; AT E139055 T1 19960615; DE 4210851 A1 19931007; DE 59302788 D1 19960711; ES 2088183 T3 19960801

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