

Title (en)
CATCHING DEVICE FOR A LIFT CAGE

Publication
EP 0218805 A3 19890329 (DE)

Application
EP 86109439 A 19860710

Priority
DE 3535823 A 19851008

Abstract (en)
[origin: EP0218805A2] In a catching device for the conveying slide (1), guided on two rails (4), of a lift cage, a control lever (7) pivotable about an axis (8) running transversely to its direction of movement (B) is provided on the conveying slide. A follower roller (15) is mounted on the free end of the control lever (7) and is pressed by spring force against a cam (6) provided with several alternating successive prominences (6a) and recesses (6b). The cam (6) extends in the longitudinal direction of the rails (4) and is connected to one of the same. Several rungs (5) running transversely to the longitudinal direction of the rails (4) are provided between the same. A pawl (16) interacting with the rungs (5) in the event of a fault is firmly connected to the control lever (7). The prominences (6a) or recesses (6b) of the cam (6) are arranged opposite the rungs (5) in such a way that the pawl (16), at operating speed when passing each rung (5), is directed past the respective rung outside the rung plane (E-E) and, in the event of a fault, is swung into the rung plane (E-E) by the control lever (7) thrown out of the way by the cam (6). <IMAGE>

IPC 1-7
B66B 5/26

IPC 8 full level
B66B 5/26 (2006.01)

CPC (source: EP)
B66B 5/26 (2013.01)

Citation (search report)
• NL 7907699 A 19800422 - BRANTEGHEM MARC VAN
• US 2039606 A 19360505 - ALFONSO PORCELLI
• DE 3114602 A1 19840426 - BAUREP & REKONSTR KOM VEB [DD]

Cited by
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