

Title (en)  
CATCHING DEVICE FOR A LIFT CAGE

Publication  
**EP 0218805 B1 19910123 (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)

Cited by  
GB2349865A

Designated contracting state (EPC)  
AT BE CH FR GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0218805 A2 19870422; EP 0218805 A3 19890329; EP 0218805 B1 19910123**; AT E60304 T1 19910215; DE 3535823 C1 19861211

DOCDB simple family (application)  
**EP 86109439 A 19860710**; AT 86109439 T 19860710; DE 3535823 A 19851008