

Title (en)
Arrangement to activate a safety device

Title (de)
Vorrichtung zum Auslösen von Sicherheitseinrichtungen

Title (fr)
Arrangement pour activer un dispositif de sécurité

Publication
EP 0543154 B1 19970924 (DE)

Application
EP 92117796 A 19921019

Priority
CH 336191 A 19911118

Abstract (en)
[origin: EP0543154A1] With this apparatus it is possible to activate a catching apparatus (3, 23) or a car brake (2, 22) which is mounted on the lift car (1, 21) if excess speed is detected in an upward or downward direction of travel or if there is uncontrolled movement of the lift car (1, 21). Activation is via a cage (6, 26) of connecting rods, by means of upper or lower connecting rods (5, 25; 7, 27) the cage (6, 26) of connecting rods transmitting a relative movement which is executed by a mechanical or electromagnetic monitoring device from the monitoring device to the connecting rods (5, 25; 7, 27). An upper and lower sliding connection (8, 28; 7, 27) serves as a connection between the cage (6, 26) of connecting rods and the upper and lower connecting rods (5, 25; 7, 27), transmits tensile forces and activates the catching apparatus (3) or the car brake (2) depending on whether the relative movement is upwards or downwards. <IMAGE>

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B66B 5/04

IPC 8 full level
B65G 43/02 (2006.01); **B66B 5/04** (2006.01); **B66B 5/16** (2006.01); **B66B 5/18** (2006.01); **B66B 5/22** (2006.01)

CPC (source: EP US)
B66B 5/04 (2013.01 - EP US); **B66B 5/18** (2013.01 - EP)

Cited by
CN104891270A; CN109761127A; CN111071894A; US6161653A; JP2002532366A; US6173813B1; WO2008057116A1; WO0037348A1; US6253879B1; US8186483B2; WO2012080103A1; WO2012080104A1; US9169104B2; WO2012080102A1; US9027714B2; US6170614B1; WO2012080106A2; EP2998260A1

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