

Title (en)  
EMERGENCY BRAKING DEVICE FOR A VEHICLE TOWED OR SUSPENDED BY CABLES AND VEHICLE EQUIPPED WITH SUCH A DEVICE

Title (de)  
NOTBREMSVORRICHTUNG FÜR EIN KABELGEZOGENES ODER AUFGEHÄNGTES FAHRZEUG UND FAHRZEUG MIT EINER NOTBREMSVORRICHTUNG

Title (fr)  
DISPOSITIF DE FREINAGE D'URGENCE POUR UN VEHICULE TRACTE OU ASSURE PAR CABLES ET VEHICULE MUNI D'UN TEL DISPOSITIF

Publication  
**EP 1351878 B1 20041110 (FR)**

Application  
**EP 02732111 A 20020114**

Priority  
• CH 0200021 W 20020114  
• CH 682001 A 20010118  
• CH 11902001 A 20010628

Abstract (en)  
[origin: WO02057176A1] The load or the working platform (1) is suspended and displaced by at least a pair of cables (30, 31) whereof the stresses are equivalent. Advantageously, each pair of cables is controlled by an emergency braking device (5) comprising means for detecting the slack strand (52, 53) on one of the cables of the pair and controlling a braking on the other cable of the pair. So as to avoid an impact during the emergency braking, the working platform is also equipped with a shock absorbing device.

IPC 1-7  
**B66C 15/02**; **B66B 5/12**

IPC 8 full level  
**B61B 7/00** (2006.01); **B66B 5/12** (2006.01); **B66C 15/02** (2006.01); **B66D 1/54** (2006.01); **B66D 5/16** (2006.01)

CPC (source: EP US)  
**B66B 5/12** (2013.01 - EP US); **B66C 15/02** (2013.01 - EP US)

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**WO 02057176 A1 20020725**; **WO 02057176 A8 20031106**; AT E282004 T1 20041115; CN 1235791 C 20060111; CN 1486276 A 20040331; DE 60201883 D1 20041216; DE 60201883 T2 20051201; EP 1351878 A1 20031015; EP 1351878 B1 20041110; ES 2231697 T3 20050516; HK 1063305 A1 20041224; JP 2004523441 A 20040805; JP 3984915 B2 20071003; US 2004074706 A1 20040422; US 6942070 B2 20050913

DOCDB simple family (application)  
**CH 0200021 W 20020114**; AT 02732111 T 20020114; CN 02803821 A 20020114; DE 60201883 T 20020114; EP 02732111 A 20020114; ES 02732111 T 20020114; HK 04106063 A 20040812; JP 2002557862 A 20020114; US 46615903 A 20031023