

Title (en)
SAFETY DEVICE FOR MECHANICAL MOTOR DRIVEN SYSTEMS OPERATING WITH RODS AND/OR CABLES

Title (de)
SICHERUNGSVORRICHTUNG FÜR MECHANISCH-MOTORISCH BEWEGTE, MIT GESTÄNGEN UND/ODER SEILZÜGEN ARBEITENDE EINRICHTUNGEN

Title (fr)
DISPOSITIF DE SECURITE POUR SYSTEMES DEPLACES MECANIQUEMENT PAR MOTEUR, FONCTIONNANT AVEC DES BARRES ET/OU DES CABLES

Publication
EP 0885378 A1 19981223 (DE)

Application
EP 97915330 A 19970304

Priority
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Abstract (en)
[origin: WO9733144A1] The disclosure concerns a safety device for mechanical motor-driven systems operating with rods and cables, such as devices used for moving stage or studio lights, suspended telescopes, pantographs, point hoists etc. The aim is to make the safety device capable of reacting promptly to an overload or underload and detect changes in the actual load even within the permissible range. To that end, the safety device is provided with a load-measuring device (9) with which the actual load imposed by the system can be measured continuously and an output signal can be generated continuously corresponding to the actual load.

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G01G 23/00; **G01G 19/18**

IPC 8 full level
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CPC (source: EP KR)
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See references of WO 9733144A1

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