

Title (en)

AUTOMATIC SELF-PROPELLED OVERHEAD CARRIER/TRACTION ENGINE TRAVELLING ON A SUPPORT CABLE

Publication

EP 0028199 B1 19830706 (FR)

Application

EP 80440002 A 19801022

Priority

FR 7926940 A 19791024

Abstract (en)

[origin: US4492168A] A self-propelled device prevents any sliding on a track cable, no matter what the slope of the latter, by means of a dynamic clamping action which is self-gripping, self-stabilizing, self-controlled and proportional to the load. The device comprises a device for the automatic coupling and uncoupling of the engine, an end of travel automatic braking device and an automatic control device for lowering the speed in the case of a breakdown on a steep slope. The device can be used for the overhead hauling and transportation of various loads (lifting, handling, lumbering, civil engineering). It could also be used for transporting people (self-propelled ropeway or ski lift), as well as for the installation of small cables during the installation and maintenance of electric power lines.

IPC 1-7

B61B 7/06; **B61B 12/02**

IPC 8 full level

B61B 7/06 (2006.01); **B61B 12/02** (2006.01)

CPC (source: EP US)

B61B 7/06 (2013.01 - EP US); **B61B 12/02** (2013.01 - EP US)

Cited by

EP0198409A3; FR2678043A1; DE10151304B4; WO2010059025A1

Designated contracting state (EPC)

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EP 80440002 A 19801022; AT 80440002 T 19801022; AU 6354780 A 19801021; BR 8006827 A 19801023; CA 363123 A 19801023; DE 3064052 T 19801022; FR 7926940 A 19791024; NO 803161 A 19801023; US 19929880 A 19801021; ZA 806449 A 19801021