

Title (en)

Travelling gear, in particular for lifting devices and suspended loads

Title (de)

Fahrwerk, insbesondere für Hebezeuge und hängende Lasten

Title (fr)

Mécanisme de translation, en particulier pour appareils de levage et charges suspendues

Publication

EP 0949183 B1 20040121 (DE)

Application

EP 99250093 A 19990326

Priority

DE 19816573 A 19980407

Abstract (en)

[origin: EP0949183A2] The carriage is driven along a rail (1) by a wheel (7) rotated through a worm drive (7b) by a direct current electric motor (7a). The rate of increase of the motor torque and the motor voltage during startup is then compared with the driving torque and motor voltage to initiate braking.

IPC 1-7

B66C 9/18; **B66C 13/06**; **B66C 9/14**; **B66C 11/06**

IPC 8 full level

B66C 11/06 (2006.01); **B66C 9/14** (2006.01); **B66C 9/18** (2006.01); **B66C 13/06** (2006.01); **B66C 13/22** (2006.01); **B66C 13/24** (2006.01); **H02K 17/32** (2006.01)

CPC (source: EP KR US)

B66C 9/14 (2013.01 - EP US); **B66C 9/18** (2013.01 - EP US); **B66C 11/06** (2013.01 - EP US); **B66D 1/40** (2013.01 - KR)

Cited by

CN107601276A; CN107500144A

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0949183 A2 19991013; **EP 0949183 A3 20021113**; **EP 0949183 B1 20040121**; DE 59908337 D1 20040226; JP 2000086152 A 20000328; KR 19990082964 A 19991125; US 6153992 A 20001128

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EP 99250093 A 19990326; DE 59908337 T 19990326; JP 9952399 A 19990407; KR 19990011874 A 19990406; US 28148799 A 19990330