

Title (en)

Cable drive, especially for a garage door

Title (de)

Seilantrieb, insbesondere für ein Garagentor

Title (fr)

Entraînement à câble, en particulier pour une porte de garage

Publication

EP 0716203 B1 19990127 (DE)

Application

EP 95118675 A 19951128

Priority

DE 4443336 A 19941206

Abstract (en)

[origin: EP0716203A1] The drive mechanism consists of a cable drum (4) driven by an electric motor and possessing a thread-like guide groove for at least one pulley-cable (14). The cable drum is in the form of a sphere contained inside a tubular piece (7) whose enclosing walls it barely touches. The tubular piece is swivel mounted on the cable drum's pivot axle (6). The tubular piece has a spring (9) and at least one end switch (11,12) operated by the tubular piece in a preset pivot position. The tubular piece has at least one control cam or lever (10).

IPC 1-7

E05F 15/16; **E05F 15/00**; **E05D 13/00**

IPC 8 full level

E05D 13/00 (2006.01); **E05F 15/00** (2006.01); **E05F 15/16** (2006.01); **E05F 15/41** (2015.01); **E05F 15/686** (2015.01)

CPC (source: EP)

E05D 13/00 (2013.01); **E05F 15/41** (2015.01); **E05F 15/686** (2015.01); **E05Y 2201/66** (2013.01); **E05Y 2900/106** (2013.01)

Cited by

FR2941510A1; US6164014A; US6442897B1; WO0001911A1; US6263947B1; WO0022270A1

Designated contracting state (EPC)

AT DE ES FR IT NL

DOCDB simple family (publication)

EP 0716203 A1 19960612; **EP 0716203 B1 19990127**; AT E176298 T1 19990215; DE 4443336 A1 19960613; DE 59504978 D1 19990311

DOCDB simple family (application)

EP 95118675 A 19951128; AT 95118675 T 19951128; DE 4443336 A 19941206; DE 59504978 T 19951128