

Title (en)

Friction wheel drive for sliding gates or similar linear movable bodies

Title (de)

Reibradantrieb für Schiebetore oder ähnliche linear zu bewegendende Gegenstände

Title (fr)

Entraînement par friction de roues pour portes à coulissement ou corps linéairement mobiles similaires

Publication

EP 1243735 B1 20040526 (DE)

Application

EP 02005825 A 20020314

Priority

DE 20104870 U 20010321

Abstract (en)

[origin: EP1243735A1] The friction wheel assembly has two wheels (2,3) or wheel pairs mounted on axles on a bearing plate (8). The axles have a chain drive assembly from a motor (15) via a connecting pin (14) having a fixed support (13). The chain extends parallel to the movement direction of the door to define a straight friction path. The friction wheels are biased against the surface of the door by tensioning the chain.

IPC 1-7

E05F 15/14

IPC 8 full level

E05D 15/06 (2006.01); **E05F 15/14** (2006.01); **E05F 15/635** (2015.01); **E05F 15/643** (2015.01)

CPC (source: EP US)

E05D 15/0617 (2013.01 - EP US); **E05F 15/635** (2015.01 - EP); **E05F 15/641** (2015.01 - EP US); **E05F 15/643** (2015.01 - EP US); **E05Y 2201/214** (2013.01 - EP); **E05Y 2201/244** (2013.01 - EP); **E05Y 2201/474** (2013.01 - EP); **E05Y 2201/654** (2013.01 - EP); **E05Y 2201/656** (2013.01 - EP US); **E05Y 2201/66** (2013.01 - EP); **E05Y 2201/668** (2013.01 - EP); **E05Y 2201/674** (2013.01 - EP US); **E05Y 2900/402** (2013.01 - EP)

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)

EP 1243735 A1 20020925; **EP 1243735 B1 20040526**; AT E267941 T1 20040615; DE 20104870 U1 20010628; DE 50200473 D1 20040701

DOCDB simple family (application)

EP 02005825 A 20020314; AT 02005825 T 20020314; DE 20104870 U 20010321; DE 50200473 T 20020314