

Title (en)
Window closer

Title (de)
Fensterschließer

Title (fr)
Mécanisme de fermeture de fenêtre

Publication
EP 2508704 A3 20150121 (DE)

Application
EP 12159976 A 20120316

Priority
DE 102011001156 A 20110309

Abstract (en)
[origin: EP2508704A2] The closure device (10) includes a traction unit (16) which is associated with a drive unit (30). The traction unit is set in driving connection with one end (17) of the object (11), through a coil spring (26). The drive unit is comprised of an electric drive which is connected to the traction unit, such that the electric drive is moved in the closing direction, in combination with the drive unit. A self-locking gear (28) of the drive unit is comprised of worm drives (33,34).

IPC 1-7
E05F 15/20; **E05F 15/12**

IPC 8 full level
E05F 1/10 (2006.01)

CPC (source: EP)
E05F 1/10 (2013.01); **E05F 15/627** (2015.01); **E05F 15/71** (2015.01); **E05F 3/14** (2013.01); **E05F 15/79** (2015.01); **E05Y 2201/412** (2013.01); **E05Y 2201/434** (2013.01); **E05Y 2201/608** (2013.01); **E05Y 2201/702** (2013.01); **E05Y 2400/302** (2013.01); **E05Y 2400/522** (2013.01); **E05Y 2900/132** (2013.01); **E05Y 2900/148** (2013.01)

Citation (search report)
• [X] US 6092336 A 20000725 - WRIGHT KEVIN [US], et al
• [X] DE 10318674 A1 20041125 - STABILUS GMBH [DE]
• [A] DE 3104568 A1 19820812 - RUEF DICTATOR [DE]

Cited by
EP3567199A1; US2021002939A1; EP3190253A1; EP2957700A1; EP3333349A1; FR3059698A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2508704 A2 20121010; **EP 2508704 A3 20150121**; DE 102011001156 A1 20120913

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