

Title (en)
Drive unit

Title (de)
Antriebseinheit

Title (fr)
Unité d'entraînement

Publication
EP 1983134 B1 20090819 (DE)

Application
EP 07007715 A 20070416

Priority
EP 07007715 A 20070416

Abstract (en)
[origin: EP1983134A1] The unit (30) has an electric motor (50), and a planet wheel set (36) that is driven with the electric motor. A hub (32) is effectively connected with the planet wheel set. An over-running clutch arrangement (38) is effectively connected with the planet wheel set and is operable in different modes, in order to make possible the manual opening or closing of a sliding door of a motor vehicle when the planet wheel set is driven by the electric motor for propelled opening or closing of the door. An independent claim is also included for a vehicle with a sliding door and a drive unit.

IPC 8 full level
E05F 15/10 (2006.01); **E05F 15/14** (2006.01)

CPC (source: EP US)
E05F 15/603 (2015.01 - EP); **E05F 15/632** (2015.01 - EP US); **E05F 15/646** (2015.01 - EP US); **E05Y 2201/216** (2013.01 - EP US); **E05Y 2201/22** (2013.01 - EP US); **E05Y 2201/232** (2013.01 - EP); **E05Y 2201/72** (2013.01 - EP); **E05Y 2400/3014** (2024.05 - EP); **E05Y 2900/531** (2013.01 - EP)

Cited by
EP2202377A3

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1983134 A1 20081022; EP 1983134 B1 20090819; AT E440200 T1 20090915; DE 502007001353 D1 20091001

DOCDB simple family (application)
EP 07007715 A 20070416; AT 07007715 T 20070416; DE 502007001353 T 20070416