

Title (en)  
DRIVE UNIT FOR ENTRANCE AND EXIT SYSTEMS

Title (de)  
ANTRIEBSVORRICHTUNG FÜR EIN- UND AUSSTIEGSEINRICHTUNGEN

Title (fr)  
DISPOSITIF D'ENTRAÎNEMENT POUR UN ÉQUIPEMENT D'ACCÈS/DE SORTIE

Publication  
**EP 2078129 A1 20090715 (DE)**

Application  
**EP 07820474 A 20070921**

Priority

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- DE 202006014936 U 20060928

Abstract (en)  
[origin: US2009255358A1] A drive apparatus for boarding and unboarding devices, in particular for passenger doors, boarding ramps, retractable steps and the like on public transport vehicles having an electric drive motor the driven element of which is connected to the input element of a first reduction gear the output element of which is coupled to the actuation devices for the boarding and unboarding devices where the drive apparatus is constructed as a compact drive where the electric drive motor, the first reduction gear and a second reduction gears as well as an energizable clutch are disposed axially behind each other inside a tubular housing between the first reduction gear and the second reduction gear.

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

CPC (source: EP US)  
**B61D 19/023** (2013.01 - EP US); **E05F 15/603** (2015.01 - EP US); **E05F 15/614** (2015.01 - EP US); **E05F 15/63** (2015.01 - EP US); **E05Y 2201/21** (2013.01 - EP US); **E05Y 2201/216** (2013.01 - EP US); **E05Y 2201/244** (2013.01 - EP US); **E05Y 2201/246** (2013.01 - EP US); **E05Y 2201/26** (2013.01 - EP US); **E05Y 2201/266** (2013.01 - EP US); **E05Y 2201/462** (2013.01 - EP US); **E05Y 2201/72** (2013.01 - EP US); **E05Y 2400/3013** (2024.05 - EP US); **E05Y 2800/25** (2013.01 - EP US); **E05Y 2800/262** (2013.01 - EP US); **E05Y 2800/264** (2024.05 - EP US); **E05Y 2900/51** (2013.01 - EP US); **Y10T 74/19614** (2015.01 - EP US); **Y10T 74/2014** (2015.01 - EP US)

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**US 2009255358 A1 20091015; US 8863604 B2 20141021**; AT E515620 T1 20110715; BR PI0715254 A2 20140923; BR PI0715254 A8 20170711; CA 2664813 A1 20080403; CA 2664813 C 20141209; CN 101535589 A 20090916; DE 202006014936 U1 20080221; EP 2078129 A1 20090715; EP 2078129 B1 20110706; ES 2368520 T3 20111118; JP 2010504877 A 20100218; MX 2009003380 A 20090807; PL 2078129 T3 20111130; RU 2009115855 A 20101110; WO 2008037669 A1 20080403

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