

Title (en)
Door opener with linear transmission

Title (de)
Türöffner mit Lineargetriebe

Title (fr)
Dispositif d'ouverture de porte avec transmission linéaire

Publication
EP 1428966 A2 20040616 (DE)

Application
EP 03027965 A 20031205

Priority
DE 10258083 A 20021211

Abstract (en)
Door-opening device (1) comprises a drive (2) connected to a linear transmission (7) that is connected to a force-transfer element at least indirectly connected to the door. Preferred Features: A connecting element (20) arranged between the transmission and the force-transfer element consists of a drive-side connecting body and a door-side connecting body that move toward each other. The two connecting bodies are coupled to each other during operation of the drive in favor of a force flow from the drive to the force-transfer element. The two connecting bodies are brought into an uncoupled position by a force flow from the force-transfer element to the drive.

Abstract (de)
Die Erfindung bezieht sich auf einen Türöffner, mit einem Antrieb, einem damit verbundenen Getriebe und einem mit dem Getriebe verbundenen Kraftübertragungselement, das zumindest mittelbar mit der zu betätigenden Tür verbunden ist, wobei das Getriebe als Lineargetriebe ausgebildet ist.

IPC 1-7
E05F 15/12; **E05F 3/10**

IPC 8 full level
E05F 3/10 (2006.01); **E05F 15/12** (2006.01)

CPC (source: EP)
E05F 1/105 (2013.01); **E05F 3/102** (2013.01); **E05F 15/63** (2015.01); **E05F 3/10** (2013.01); **E05Y 2201/214** (2013.01); **E05Y 2201/24** (2013.01); **E05Y 2201/244** (2013.01); **E05Y 2201/67** (2013.01); **E05Y 2900/132** (2013.01)

Cited by
EP1669532A3; EP4279693A1; WO2008017093A3

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

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