

Title (en)
Door hinge

Title (de)
Türband

Title (fr)
Charnière de porte

Publication
EP 1600588 B1 20060906 (DE)

Application
EP 05005226 A 20050310

Priority
DE 102004026392 A 20040529

Abstract (en)
[origin: US2005273979A1] A hinge plate had a part that can be attached to a frame or a door panel. The part has two hinge rollers that are spaced apart from one another. Sleeves are disposed in the hinge rollers so as not to rotate. A pin that is inserted into the sleeves bridges the distance between the hinge rollers. The pin has a pin head as well as a connector end for attachment of a pin screw. The pin head and the head of the pin screw attached to the pin are disposed countersunk within the hinge rollers. The pin screw has a collar that is fitted into the sleeve with a wedge fit.

IPC 8 full level
E05D 3/02 (2006.01); **E05D 5/12** (2006.01); **B60J 5/04** (2006.01); **E05D 5/04** (2006.01)

CPC (source: EP US)
E05D 5/121 (2013.01 - EP US); **E05D 5/046** (2013.01 - EP US); **E05D 5/12** (2013.01 - EP US); **E05D 2003/027** (2013.01 - EP US); **E05D 2005/106** (2013.01 - EP US); **E05D 2005/124** (2013.01 - EP US); **E05Y 2900/20** (2013.01 - EP US)

Cited by
DE102011052317B3; DE102008064288C5

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2005273979 A1 20051215; US 8458858 B2 20130611; AT E338872 T1 20060915; CN 102839880 A 20121226; CN 1702279 A 20051130; DE 102004026392 B3 20051006; DE 502005000091 D1 20061019; EP 1600588 A1 20051130; EP 1600588 B1 20060906; ES 2268673 T3 20070316; HK 1080920 A1 20060504; JP 2005337005 A 20051208; JP 5202791 B2 20130605; PL 1600588 T3 20070131; TW 200600663 A 20060101; TW I350337 B 20111011

DOCDB simple family (application)
US 13036305 A 20050516; AT 05005226 T 20050310; CN 200510072783 A 20050520; CN 201210329707 A 20050520; DE 102004026392 A 20040529; DE 502005000091 T 20050310; EP 05005226 A 20050310; ES 05005226 T 20050310; HK 06100568 A 20060113; JP 2005141198 A 20050513; PL 05005226 T 20050310; TW 94113333 A 20050426