

Title (en)
HINGE DEVICE

Title (de)
SCHARNIERVORRICHTUNG

Title (fr)
DISPOSITIF CHARNIERE

Publication
EP 1636455 A1 20060322 (DE)

Application
EP 04713002 A 20040220

Priority
• DE 2004000322 W 20040220
• DE 10325232 A 20030604

Abstract (en)
[origin: WO2004111373A1] Disclosed is a hinge device (2, 22) comprising a lever (6) that is provided with two top parts (4, 5). Said two top parts (4, 5) are used for assembling the lever (6) and are pivotable about one respective pin located at ends of the lever (6). Two traction ropes (8, 9) are provided which grip the two top parts (4, 5) at gripping points (12, 13, 16, 17) located on different sides of a plane that is defined by the two pins.

IPC 1-7
E05F 15/12

IPC 8 full level
E05D 3/06 (2006.01); **E05D 15/28** (2006.01); **E05D 15/40** (2006.01)

CPC (source: EP US)
E05D 3/122 (2013.01 - EP US); **E05D 3/127** (2013.01 - EP US); **E05D 15/28** (2013.01 - EP US); **E05D 15/40** (2013.01 - EP US);
E05Y 2201/62 (2013.01 - EP US); **E05Y 2201/652** (2013.01 - EP US); **E05Y 2900/506** (2013.01 - EP US); **E05Y 2900/531** (2013.01 - EP US)

Citation (search report)
See references of WO 2004111373A1

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

DOCDB simple family (publication)
DE 10325232 A1 20050105; **DE 10325232 B4 20050525**; CN 100516447 C 20090722; CN 1791729 A 20060621;
DE 112004001482 D2 20060420; EP 1636455 A1 20060322; JP 2006526719 A 20061124; US 2007084016 A1 20070419;
WO 2004111373 A1 20041223

DOCDB simple family (application)
DE 10325232 A 20030604; CN 200480013327 A 20040220; DE 112004001482 T 20040220; DE 2004000322 W 20040220;
EP 04713002 A 20040220; JP 2006508102 A 20040220; US 55959304 A 20040220