

Title (en)
Hinge

Title (de)
Scharnier

Title (fr)
Charnière

Publication
EP 2489819 B1 20181017 (EN)

Application
EP 12154870 A 20120210

Priority
FI 20115149 A 20110217

Abstract (en)
[origin: EP2489819A2] The invention provides an inexpensive hinge (1, 12) that has a height adjustment and a strong structure. The invention comprises a metal ball (7) and a retaining ring (8, 11) between the hinge pin (6, 13) and the height adjustment screw (9) to create a bearing that reduces wear and tear. The retaining ring (8, 11) holds the metal ball (7) within the hinge leaf rolling (4) if the leaf parts (2, 3) are separate. However, the retaining ring allows the ball to move if the height adjustment screw is turned.

IPC 8 full level
E05D 7/00 (2006.01); **E05D 11/04** (2006.01)

CPC (source: EP FI)
E05D 7/0027 (2013.01 - EP FI); **E05D 11/04** (2013.01 - EP FI)

Cited by
CN114658306A; EP2857619A1; RU2670518C2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2489819 A2 20120822; EP 2489819 A3 20141126; EP 2489819 B1 20181017; DK 2489819 T3 20190114; FI 123290 B 20130131; FI 20115149 A0 20110217; FI 20115149 A 20120818; FI 20115149 L 20120818

DOCDB simple family (application)
EP 12154870 A 20120210; DK 12154870 T 20120210; FI 20115149 A 20110217