

Title (en)

Hinge with self-locking eccentric adjustment drive

Title (de)

Gelenkband mit selbsthemmendem Exzenterverstellantrieb

Title (fr)

Charnière avec entraînement d'ajustement excentrique autobloquant

Publication

EP 1126115 A3 20070321 (DE)

Application

EP 01101898 A 20010127

Priority

DE 20002472 U 20000211

Abstract (en)

[origin: EP1126115A2] The adjustable joint frame has a frame hinge part and casement/leaf part interlinked. An abutment part (1) is fixed to the casement/leaf, and an adjustment part (2) is movably guided in a horizontal direction in a direction at right angles to the articulated axis (10). The adjusting drive comprises a cam (3) which has a cylindrical part (11) rotarily held in a cavity (12) in the adjustment's cavity. An eccentric cylindrical pin fits into an elongated hole in the abutment. The cavity forms at least one pair of supports for the peripheral surface of the cylindrical part.

IPC 8 full level

E05D 7/04 (2006.01); **E05D 5/04** (2006.01)

CPC (source: EP)

E05D 7/0415 (2013.01); **E05D 5/04** (2013.01)

Citation (search report)

- [X] DE 9317065 U1 19940303 - SCHUERING FENSTERTECH [DE]
- [XD] EP 0259618 A2 19880316 - BROTSCHI & CO AG GEB [CH]

Cited by

WO2004018815A1; DE102007025857A1; EP1997991A2; EP2042674A1; EP1997991A3; DE20217852U1; DE102007043757B3; EP2037066A3; EP1611832A1; AU2014218417B2; EP2927407A1; CN104975774A; EP2037066A2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

Designated extension state (EPC)

AL LT LV MK RO SI

DOCDB simple family (publication)

EP 1126115 A2 20010822; EP 1126115 A3 20070321; EP 1126115 B1 20090422; AT E429561 T1 20090515; DE 50114845 D1 20090604; ES 2326157 T3 20091002

DOCDB simple family (application)

EP 01101898 A 20010127; AT 01101898 T 20010127; DE 50114845 T 20010127; ES 01101898 T 20010127