

Title (en)
Hinge cup

Title (de)
Scharniertopf

Title (fr)
Cuvette de charnière

Publication
EP 0610765 B1 19960417 (DE)

Application
EP 94101368 A 19940131

Priority
• AT 21893 A 19930208
• AT 183493 A 19930910

Abstract (en)
[origin: EP0610765A1] A hinge cup (4) having a housing (9, 10) which can be inserted into a bore (16) in a furniture part (13) and having dowel-like, clamping jaws (21) which can be inserted into the bore (16), can be spread out and can be pressed onto the wall of the bore via spreading parts (2) configured as tie rods. Via an eccentric lever (1'), the spreading parts (2) can move in the insertion direction of the hinge cup (4), perpendicularly to the assembly plane thereof. The clamping jaws (21) are cylinder portions consisting of a viscoelastic material. The metallic spreading parts (2), which are located between the hinge cup and the clamping jaws, exhibit hooks (3) at their free ends. Provided opposite the hooks (3) are press-on cams (6) which are supported on the housing wall (10) of the hinge cup (4). <IMAGE>

IPC 1-7
E05D 5/08

IPC 8 full level
E05D 5/02 (2006.01); **E05D 3/06** (2006.01); **E05D 5/08** (2006.01); **E05D 11/10** (2006.01); **E05D 7/12** (2006.01)

CPC (source: EP US)
E05D 5/08 (2013.01 - EP US); **A47B 2095/006** (2013.01 - EP US); **E05D 7/125** (2013.01 - EP US); **E05Y 2600/504** (2013.01 - EP US); **E05Y 2900/20** (2013.01 - EP US)

Cited by
DE202008007345U1; DE102014113713A1; DE4427293A1; US6416244B1; AT412187B; DE29506600U1; DE19521909A1; DE19521909C2; AT501397A1; AT501397B1; DE102014113713B4; CN106795728A; AT406885B; EP2090731A3; AT522457B1; AT522457A4; DE29717508U1; US6073311A; US5715577A; AT409650B; US7669285B2; DE19516084A1; US5632067A; AT404377B; DE19516084C2; ES2147056A1; AT968U1; WO2016045939A1; WO9924723A1; WO2009144015A1; WO2006053354A1; US10260263B2; US8312597B2; US8006348B2; EP2090731A2

Designated contracting state (EPC)
AT CH DE ES FR GB IT LI SE

DOCDB simple family (publication)
EP 0610765 A1 19940817; **EP 0610765 B1 19960417**; AT E136977 T1 19960515; CA 2115085 A1 19940809; CA 2115085 C 19990720; DE 59400198 D1 19960523; ES 2086240 T3 19960616; HK 22197 A 19970227; JP 2660656 B2 19971008; JP H06240941 A 19940830; US 5463796 A 19951107; US RE37236 E 20010626

DOCDB simple family (application)
EP 94101368 A 19940131; AT 94101368 T 19940131; CA 2115085 A 19940207; DE 59400198 T 19940131; ES 94101368 T 19940131; HK 22197 A 19970227; JP 3321294 A 19940207; US 19282894 A 19940207; US 96420597 A 19971104