

Title (en)
Hinge.

Title (de)
Scharnier.

Title (fr)
Charnière.

Publication
EP 0342293 A1 19891123 (EN)

Application
EP 88311898 A 19881216

Priority
JP 11843488 A 19880516

Abstract (en)
A hinge comprises a hinge member including a socket (2) for attachment to a door, a hinge body (3) coupled rotatably to the socket by arms (5,6), a plate member (4) detachably connected to the hinge member and for attachment to an attaching member of the door, latches (16,17) provided at least at the front and rear portions of either the hinge member or the plate member, and a locking member (20) formed with latch pieces (27a, 27b, 28a, 28b) for detachably latching the latches, the locking member being longitudinally slidable and urged forward by a spring (30) in such a manner that the latch pieces engage the latches, which are formed with oblique surfaces inclining downwards in the forwards direction of the locking member. Thus, the hinge member and the plate member can be easily and positively coupled from any of a wide range of directions relative to the hinge, can also be detached in a simple manner, and also a single such hinge can be attached and detached on its own.

IPC 1-7
E05D 3/06; **E05D 5/02**; **E05D 7/12**

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

CPC (source: EP)
E05D 7/125 (2013.01); **E05D 5/0276** (2013.01); **E05Y 2900/20** (2013.01)

Citation (search report)

- [Y] DE 3525279 A1 19870129 - LAUTENSCHLAEGER KG KARL [DE]
- [Y] EP 0256376 B1 19910327
- [A] DE 1759976 A1 19710701 - SIEGENIA FRANK KG
- [A] WO 8602402 A1 19860424 - BLUM GMBH JULIUS [AT]

Cited by
US9470026B2; EP0476246A1; US6675440B1; GB2382841B; GB2407845A; GB2407845B; US8819897B2; US2014366325A1; US2017030121A1; US9708840B2

Designated contracting state (EPC)
AT DE GB IT

DOCDB simple family (publication)
EP 0342293 A1 19891123; **EP 0342293 B1 19920415**; AT E74996 T1 19920515; DE 3870228 D1 19920521; JP H01290885 A 19891122; JP H063088 B2 19940112

DOCDB simple family (application)
EP 88311898 A 19881216; AT 88311898 T 19881216; DE 3870228 T 19881216; JP 11843488 A 19880516