

Title (en)
Hinge, especially furniture hinge

Title (de)
Scharnier, vorzugsweise Möbelscharnier

Title (fr)
Charnière, en particulier charnière de meuble

Publication
EP 0595045 B1 19961204 (DE)

Application
EP 93115729 A 19930929

Priority
DE 4236444 A 19921028

Abstract (en)
[origin: EP0595045A1] A hinge, with a fixed fitting part which is designed as a hinge arm having a baseplate carrying the latter and which is connected to a pivotable fitting part, can, for the lateral setting of a door or flap carried by the pivotable fitting part, be adjusted in relation to the baseplate in the pivoting plane of the hinge by means of an actuating device. A retaining member mounted on the hinge arm and loaded by a resilient element presses the pivotable fitting part in the closing region into its closing position via a control cam pivotable together with the pivotable fitting part, whilst, outside the closing region, it is rendered ineffective by a control cam. In order, even during lateral adjustment by a pivoting of the hinge arm, to ensure that the closing device maintains its effectiveness unchanged in the closing region, the mounting of the retaining member is connected to the hinge arm and to the baseplate by means of guides (27,28) and/or gear members, in such a way that, as a result of any pivoting of the hinge arm relative to the baseplate, the retaining member is moved into a position in which it maintains essentially the same position relative to the control cam (35,36,37) in the closing position. <IMAGE>

IPC 1-7
E05D 11/10; **E05D 7/04**

IPC 8 full level
E05C 19/02 (2006.01); **E05D 3/06** (2006.01); **E05D 7/04** (2006.01); **E05D 7/081** (2006.01); **E05D 11/10** (2006.01)

CPC (source: EP US)
E05D 7/0407 (2013.01 - EP US); **E05D 11/1021** (2013.01 - EP US); **E05Y 2900/20** (2013.01 - EP US)

Cited by
EP0869249A3; US7127778B2; US7328484B2; CN109594876A; WO2016046581A1

Designated contracting state (EPC)
AT DE ES IT

DOCDB simple family (publication)
EP 0595045 A1 19940504; **EP 0595045 B1 19961204**; AT E145961 T1 19961215; DE 4236444 A1 19940505; DE 4236444 C2 19940804; DE 59304667 D1 19970116; ES 2094442 T3 19970116; JP 2637686 B2 19970806; JP H06221049 A 19940809; US 5444895 A 19950829

DOCDB simple family (application)
EP 93115729 A 19930929; AT 93115729 T 19930929; DE 4236444 A 19921028; DE 59304667 T 19930929; ES 93115729 T 19930929; JP 26686393 A 19931026; US 14195293 A 19931028