

Title (en)
180 DEGREE CONCEALED HINGE FOR ADJOINING CUPBOARDS

Publication
EP 0222031 B1 19900725 (DE)

Application
EP 85114300 A 19851109

Priority
EP 85114300 A 19851109

Abstract (en)
[origin: EP0222031A1] 1. 180 degrees concealed hinge for adjoining cupboards, consisting of a first block (16) attached to cupboard housing (14) having at least one folded edge with a first pivot bearing axis (20) lying parallel and close to the front face of the door leaf, a second block (24) attached to the door leaf (22) having at least one folded edge with a second pivot bearing axis (26) essentially parallel to the first pivot bearing axis (20) in the rest position, offset with regard to the plane of the door leaf, with a hinge connecting piece (30) mounted rotatably with regard to the first and second pivot bearing axes (20, 26), and with a spring device (32) pushing the hinge connecting piece (30) into a rest position with regard to the appropriate block (e.g. 24), whereby the hinge connecting piece (30) has the form of a fork embracing the one block (e.g. 16) and the other block (e.g. 24) has the form of a fork embracing the hinge connecting piece (30), and whereby the axis of the one pivot bearing (e.g. 20) passes through the fork prongs of the hinge connecting piece (30) and the one block (e.g. 16), and the axis of the other pivot bearing (26) passes through the fork web (36) of the hinge connecting piece (30) and the fork prongs of the other fork-shaped block (e.g. 24), characterised in that the fork-shaped block (e.g. 24) has a symmetrical construction and has, in the region of the fork web (90) connecting the fork prongs (88) and on the fork prongs (88), contact surfaces (web region 92, prong walls 96, groove 70, contact surface 74 with region 76, surfaces 82) for adhesive contact with the wall areas (e.g. edge 68, 72 of the door leaf section, fixing region 78, outer surface 84) of a notch provided on the folded edge (66) arranged in the door leaf or in the body of the cupboard.

IPC 1-7
E05D 3/06

IPC 8 full level
E05D 3/06 (2006.01); **E05D 3/18** (2006.01)

CPC (source: EP)
E05D 3/12 (2013.01); **E05Y 2900/20** (2013.01)

Cited by
EP1431488A1; EP0367429A3; EP0561635A1; GB2265179B; EP0274552A1; EP0274552B1

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