Title (en)

HINGE FOR METAL CUPBOARD DOORS

Title (de)

SCHARNIER FÜR BLECHSCHRANKTÜREN

Title (fr)

CHARNIERE POUR PORTES D'ARMOIRE METALLIQUE

Publication

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Application

EP 98916976 A 19980317

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Abstract (en)

[origin: WO9859138A1] The invention relates to a hinge (310) for metal cupboard doors (360) or the like, comprising a first hinged piece (312) such as a hinge plate with one or several counterbored holes (314) for fixing screws (120) and a second hinge piece (330) articulated on the first hinge piece such as a hinge frame or hinge plate, which is also provided with several counterbored holes for fixing screws, wherein said holes of the at least one hinge part are configured as oblong holes. According to the invention, the hinge is provided with a fixing screw bushing (340) which can be fitted into the oblong hole (314), and whose part fitting into the counterbored area of the oblong hole has a cross-section which differs from a circular form, i.e. a quadratic cross-section, preferably a longitudinally extended rectangular, rectangular with added semicircles or an oval cross-section, and whose longitudinal extension is (the same or) greater than the transversal extension of the counterbored area of the oblong hole and whose inner contour matches the shape of the fixing screw.

IPC 1-7 (main, further and additional classification)

E05D 7/04

IPC 8 full level (invention and additional information)

E05D 7/04 (2006.01)

CPC (invention and additional information)

E05D 7/04 (2013.01); **E05D 5/023** (2013.01); E05Y 2900/20 (2013.01)

Citation (search report)

See references of WO 9859138A1

Cited by

EP1760233A2; DE102006060586B4; CN104895432A; DE102005041132B3; EP1760233A3; DE102004010253A1; US7617567B2

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