

Title (en)

Hinge for articulated connection of two folding elements of a folding flap or folding door

Title (de)

Scharnier zum gelenkigen Verbinden zweier Faltelemente einer Faltklappe oder Falttüre

Title (fr)

Charnière pour connexion articulée de deux éléments pliables d'un volet pliable ou d'une porte pliable

Publication

**EP 1659244 B1 20120718 (DE)**

Application

**EP 05023601 A 20051028**

Priority

DE 102004055481 A 20041117

Abstract (en)

[origin: DE102004055481B3] The double leaf folding door (5) for a cupboard (1) has a first leaf (6) hinged (8) to a second leaf (7) along the median line of the door. The first leaf is hinged (9) to the roof of the cupboard (4). The hinge on the door has a bracket (12) on the first leaf. The door hinge has a sliding arrangement and a hinge pin (19), engaging a bracket (16) on the inner edge of the second leaf, so that it can fold back against it as the door swings open. A link (10) connected to the sidewall (2) controls the swinging motion of the second leaf. A handle (20) attached to the second leaf enables the door to be pulled forward and upward for opening.

IPC 8 full level

**E05D 15/26** (2006.01); **E05D 3/02** (2006.01); **E05D 3/12** (2006.01); **E05D 11/00** (2006.01); **E05D 3/06** (2006.01)

CPC (source: EP)

**E05D 3/022** (2013.01); **E05D 11/00** (2013.01); **E05D 15/262** (2013.01); **E05D 3/12** (2013.01); **E05Y 2800/41** (2013.01); **E05Y 2900/20** (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**DE 102004055481 B3 20051117**; EP 1659244 A2 20060524; EP 1659244 A3 20110223; EP 1659244 B1 20120718

DOCDB simple family (application)

**DE 102004055481 A 20041117**; EP 05023601 A 20051028