

Title (en)

Hinge for doors for electric household appliances such as washing machines or the like

Title (de)

Scharnier für Türen von elektrischen Haushaltsgeräten wie eine Waschmaschine oder dergleichen

Title (fr)

Charnière pour portes d'appareils électroménagers comme machines à laver et similaires

Publication

EP 1046774 B1 20040114 (EN)

Application

EP 00107988 A 20000418

Priority

IT PD990083 A 19990422

Abstract (en)

[origin: EP1046774A1] A hinge comprising two components (10,11) formed by blanking and shaping metal plate elements which define, by means of their curled tabs (12-14), respective seats (15-17) crossed by a likewise metallic pivot (18) rigidly coupled to one of them and rotatable with respect to the other. The curled tab of the component that is rotatable is interrupted by a region (21) in which there is a bush (22) made of elastically deformable material which is rigidly coupled to the rotating component, is fitted with an interference fit on the pivot (18) and is adapted to induce compressions in a substantially radial direction in order to provide friction thereon. <IMAGE>

[origin: EP1046774A1] The hinge uses two components (10,11) formed by blanking and shaping metal plates with curled tabs (12,14) and seats crossed by metallic pivot (18) rigidly coupled to one of them and rotatable with respect to the other. The curled tab can freely rotate with respect to the pivot is interrupted by a elasticized bush deformable material rigidly coupled to the component and fitted with an interference fit.

IPC 1-7

E05D 11/08

IPC 8 full level

E05D 11/08 (2006.01)

CPC (source: EP)

E05D 11/082 (2013.01); **E05Y 2900/312** (2013.01)

Cited by

EP1098027A3; US7617570B2

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DOCDB simple family (publication)

EP 1046774 A1 20001025; **EP 1046774 B1 20040114**; AT E257897 T1 20040115; DE 60007683 D1 20040219; DE 60007683 T2 20050113; ES 2214183 T3 20040916; IT 1306650 B1 20011002; IT PD990083 A0 19990422; IT PD990083 A1 20001022

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