

Title (en)  
HINGE TO HINGE A MOBILE ELEMENT, SUCH AS A DOOR OR A WINDOW, WITH RESPECT TO A FIXED STRUCTURAL ELEMENT SUCH AS A DOOR FRAME OR WINDOW FRAME

Title (de)  
SCHARNIER ZUM EINHÄNGEN EINES BEWEGLICHEN ELEMENTS WIE EINER TÜR ODER EINES FENSTERS AN EINEM FESTEN STRUKTURELEMENT WIE EINEM TÜRRAHMEN ODER EINEM FENSTERRAHMEN

Title (fr)  
CHARNIÈRE POUR L'ARTICULATION D'UN ÉLÉMENT MOBILE, TEL QU'UNE PORTE OU UNE FENÊTRE, PAR RAPPORT À UN ÉLÉMENT STRUCTUREL FIXE TEL QU'UN CADRE DE PORTE OU CADRE DE FENÊTRE

Publication  
**EP 3093422 A1 20161116 (EN)**

Application  
**EP 16169689 A 20160513**

Priority  
IT UB20150838 A 20150515

Abstract (en)  
A hinge (10) for hinging a mobile element (11) with respect to a fixed structural element (12) and comprising a central hinging element (13) having a pivoting axis (X) and two terminal hinging elements (14, 15) configured to be disposed on reciprocally opposite sides and with play with respect to the central hinging element (13), coaxially to the pivoting axis (X). The central hinging element (13) comprises a first cavity in which a first pivoting mean (23) is slidably disposed, mobile parallel to the pivoting axis (X) between an inactive position in which it is substantially inside the cavity, and an operating position in which it protrudes operatively from the cavity so that it can be selectively inserted into a corresponding first guide member of one of the two terminal hinging elements (14).

IPC 8 full level  
**E05D 7/10** (2006.01); **E05D 7/00** (2006.01)

CPC (source: EP)  
**E05D 7/1005** (2013.01); **E05D 7/0027** (2013.01)

Citation (applicant)  

- EP 1835101 A2 20070919 - OTLAV SPA [IT]
- FR 2883902 A1 20061006 - LAMBERET CONST ISOTHERMES SA [FR]
- US 3671998 A 19720627 - RUIZ JOSE ANTONIO
- DE 102010047774 A1 20120412 - FRINOVA GMBH [DE]
- FR 2966860 A1 20120504 - MONIN [FR]

Citation (search report)  

- [Y] EP 0953704 A1 19991103 - CASTELLANI OTTAVIO CASTELLANI [IT]
- [Y] FR 2883902 A1 20061006 - LAMBERET CONST ISOTHERMES SA [FR]
- [YA] FR 2966860 A1 20120504 - MONIN [FR]
- [A] DE 102010047774 A1 20120412 - FRINOVA GMBH [DE]
- [A] US 3671998 A 19720627 - RUIZ JOSE ANTONIO

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