

Title (en)  
HINGE DEVICE

Publication  
**EP 0170126 A3 19861001 (EN)**

Application  
**EP 85108665 A 19850711**

Priority  
IT 3080684 U 19840731

Abstract (en)  
[origin: EP0170126A2] The hinge device (1) comprises a male element (2) and a female element (3). The male element (2) includes a cylindrical body (4), wherefrom protrudes a pin (5), having a smaller diameter than the cylindrical body (4) and lying coaxial therewith. A seat is provided at the end of the pin (5), and a sphere (10) is maintained in the seat. The female element (3) is shaped to accommodate at least part of the pin (5). Both the male element (2) and the female element (3) are associable with casings.

IPC 1-7  
**E05D 11/04**; **E05D 5/10**; **B21K 13/02**

IPC 8 full level  
**B21K 13/02** (2006.01); **E05D 5/10** (2006.01); **E05D 11/04** (2006.01)

CPC (source: EP)  
**B21K 13/02** (2013.01); **E05D 5/10** (2013.01); **E05D 11/04** (2013.01); **E05D 2005/102** (2013.01); **E05D 2011/045** (2013.01)

Citation (search report)

- [YD] FR 2418046 A1 19790921 - IND MECCA OTLAV A PADOVAN [IT]
- [Y] DE 3036498 A1 19820603 - RAMSAUER DIETER
- [YP] DE 3307529 A1 19840906 - PFAEFFLI WALTER
- [A] FR 2201702 A5 19740426 - PADOVAN ANGELO [IT]

Cited by  
CN109763731A; EP0196599A1; US2018363343A1; US10597919B2

Designated contracting state (EPC)  
CH DE FR LI

DOCDB simple family (publication)  
**EP 0170126 A2 19860205**; **EP 0170126 A3 19861001**; **EP 0170126 B1 19901003**; DE 3579973 D1 19901108; ES 288147 U 19851116; ES 288147 Y 19860616; IT 8430806 V0 19840731

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