

Title (en)  
HINGE

Publication  
**EP 0050320 B1 19850206 (DE)**

Application  
**EP 81108379 A 19811015**

Priority  
DE 3039327 A 19801017

Abstract (en)  
[origin: EP0050320A1] 1. A hinge for doors, flaps or the like, comprising a hinge member (1) which is adapted to be fixed to a carrying wall, a pivoted hinge member (3), two links (5, 6) pivotally connecting said hinge members in a four-bar linkage, a pressure-applying member (15), which has a track (20) and acts on a link (6) at a projection (13) thereof, which constitutes a lever arm and is disposed adjacent to an articulated joint (7), and a spring (18), which acts on said pressure-applying member (15) and is held under stress between the pressure-applying member (15) and that hinge member (1) which comprises that articulated joint (7), characterized in that the pressure-applying member (15) is provided with a track (20) for a slider, which is provided at the projection (13) and by which the pressure-applying member (15) is moved in dependence on the angular position of the link (6), transversely to the pivot pin (7) by which said link is mounted at its end provided with the projection (13), the track (20) bearing on said slider in the closing region, said slider being provided with a camlike end edge (23), which outside the closing range bears on the pivot pin (7).

IPC 1-7  
**E05D 11/10**; **E05D 3/06**

IPC 8 full level  
**E05D 3/06** (2006.01); **E05D 11/10** (2006.01)

CPC (source: EP)  
**E05D 11/1021** (2013.01); **E05Y 2900/20** (2013.01)

Cited by  
US5444895A; US8533914B2; US4536917A; US7003851B2; US8474100B2; KR101122777B1

Designated contracting state (EPC)  
AT FR GB IT

DOCDB simple family (publication)  
**EP 0050320 A1 19820428**; **EP 0050320 B1 19850206**; AT E11685 T1 19850215; DE 3039327 A1 19820506; DE 3039327 C2 19880303

DOCDB simple family (application)  
**EP 81108379 A 19811015**; AT 81108379 T 19811015; DE 3039327 A 19801017