

Title (en)

Hinge with a movable rotation center

Title (de)

Scharnier mit beweglichem Rotationszentrum

Title (fr)

Charnière avec centre de rotation mobile

Publication

EP 0989273 B1 20040102 (DE)

Application

EP 98118279 A 19980926

Priority

EP 98118279 A 19980926

Abstract (en)

[origin: EP0989273A1] The pivotable plate (2) rotates around a momentary rotation center (Z) located at the point of intersection of the longitudinal axes of both connecting components (3,4). At least one connecting component has at least one pair of link levers on opposite sides of a support plate and a pivotable plate. The plates in the area of at least one link lever pair are aligned. The support plate (1) has an indentation (A) extending over the connecting line of the two first rotary points (7,8). This creates with an opening door a free path for the link axis belonging to a second rotary point.

IPC 1-7

E05D 3/06; **E05F 1/12**

IPC 8 full level

E05D 3/06 (2006.01); **E05F 1/12** (2006.01)

CPC (source: EP)

E05D 3/14 (2013.01); **E05F 1/1261** (2013.01); **E05Y 2900/304** (2013.01)

Citation (examination)

- US 3131423 A 19640505 - LUCIEN PERAS
- US 4095311 A 19780620 - JANOSCH HANS

Cited by

ITMI20081649A1; DE19933765B4; USD857481S; US10258152B1; WO03039322A1

Designated contracting state (EPC)

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