

Title (en)
HINGE

Publication
EP 0017226 A3 19801126 (DE)

Application
EP 80101772 A 19800402

Priority
DE 2913226 A 19790403

Abstract (en)
[origin: EP0017226A2] The subject on which the invention is based is to provide a hinge of simple manufacture and mounting and to ensure its cyclic movement, the mutually associated upper edges of parts connected pivotally to one another by means of the hinge being at a sufficient distance from one another in every phase of movement. This is achieved, according to the invention, in that the angle levers (5, 6) are of essentially U-shaped form, their long legs (8) are directed obliquely outwards and the guide tracks (11) are so designed that these are subdivided into three regions (12, 13, 14), the middle (12) of which extend approximately horizontally, whilst the inner (13) and outer (14) regions have inclinations directed obliquely downwards. The hinge is provided with indentations in the middle parts of the middle regions (12) of the guide tracks (11), the degree of the inclinations of the inner (13) and outer (14) regions of a guide track (11) being of different amounts. The degree of the inclinations of the outer regions (14) of the guide tracks (11) is greater than that of the inner regions (13).

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E05D 3/06

IPC 8 full level
E05D 3/06 (2006.01)

CPC (source: EP)
E05D 3/186 (2013.01); **E05Y 2900/20** (2013.01)

Citation (search report)

- CH 478975 A 19690930 - LAUTENSCHLAEGER KG KARL [DE]
- FR 2022053 A1 19700724 - STANLEY WORKS ITALIA
- US 2122034 A 19380628 - JOHANN JACKLE
- NL 302539 B
- DE 810966 C 19510816 - EMIL LUPP FA
- DE 955388 C 19570103 - PAUL KALTENPOTH

Cited by
GB2168107A; US4534079A; DE3926023A1; GB2121868A; CN103061627A; IT201800004514A1; WO9724500A1

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