

Title (en)

Hinge, particularly for connecting ladder stiles

Title (de)

Gelenk, insbesondere zur Verbindung von Leiterholmen

Title (fr)

Articulation, particulièrement pour raccorder les montants d'échelles

Publication

EP 1020653 B1 20040901 (DE)

Application

EP 00100518 A 20000112

Priority

DE 19901125 A 19990114

Abstract (en)

[origin: EP1020653A1] The link has two arms swiveling in relation to each other on an axle (4). One of the link-arms forms an outer part (5) with outer shells (7) and support (8). The other link-arm is in the form of an inner part (6) with inner discs (9) and supports (10). At least one spring-loaded locking element is movable radially or tangentially in relation to the link's axle and catches into at least one recess (35,42) in the link-arm. The inner discs have cavities (12,16) through which the locking element extends crosswise to the plane of the inner discs. The locking element operates in conjunction with a lever(25) which swivels on a bearing (33) spaced apart from the link-axle.

IPC 1-7

F16C 11/10; E06C 1/32

IPC 8 full level

E06C 1/32 (2006.01); **F16C 11/10** (2006.01)

CPC (source: EP US)

E06C 1/32 (2013.01 - EP US); **Y10T 403/32336** (2015.01 - EP US)

Designated contracting state (EPC)

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DOCDB simple family (publication)

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