

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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