

Title (en)

Spring collet with backstop system

Title (de)

Spannzange mit Rückschlagsicherung

Title (fr)

Pince de serrage à système anti-retour

Publication

**EP 1894676 A3 20080312 (FR)**

Application

**EP 07113927 A 20070807**

Priority

FR 0653530 A 20060831

Abstract (en)

[origin: EP1894676A2] The collet has activation arms (11, 12) pivotally mounted with respect to one another around an axis (A1). Spacing and connection of the arms drives opening and closing of jaws (14). An ovoid shaped rotating part (30) is rotatably mounted on one arm around another axis (A2). The part performs a full rotation in an opening/closing/reopening cycle of the jaws. A non-return system (32) e.g. free wheel hub, authorizing a unidirectional rotation of the part, and a rod (36) ensures connection between the part and another arm. A spacer modifies length of the connection ensured by the rod.

IPC 8 full level

**B25B 7/12** (2006.01); **B25B 7/16** (2006.01); **B25B 7/18** (2006.01); **B25B 25/00** (2006.01); **F16D 41/00** (2006.01)

CPC (source: EP)

**B25B 7/12** (2013.01); **B25B 7/16** (2013.01); **B25B 7/18** (2013.01); **B25B 25/005** (2013.01)

Citation (search report)

- [A] US 2737070 A 19560306 - DAVID DIBNER
- [A] US 3527125 A 19700908 - FILIPPO VINCENT P DI
- [A] US 2933000 A 19600419 - WOOD DANIEL R
- [A] US 3157075 A 19641117 - FILIA GEORGE J

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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