

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)

EP 1894676 A2 20080305; **EP 1894676 A3 20080312**; **EP 1894676 B1 20100428**; AT E465846 T1 20100515; DE 602007006115 D1 20100610; FR 2905296 A1 20080307; FR 2905296 B1 20090821; PL 1894676 T3 20100930

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