

Title (en)

PREHENSILE DEVICE IN SHAPE MEMORY MATERIAL AND CONSTRUCTION PROCESS

Title (de)

GREIFVORRICHTUNG AUS FORMGEDÄCHTNISMATERIAL UND HERSTELLUNGSVERFAHREN

Title (fr)

DISPOSITIF DE PREHENSION EN MATERIAU A MEMOIRE DE FORME ET PROCEDE DE REALISATION

Publication

**EP 0946334 A2 19991006 (FR)**

Application

**EP 97952930 A 19971204**

Priority

- EP 9706966 W 19971204
- FR 9615013 A 19961206

Abstract (en)

[origin: FR2756767A1] The invention concerns a prehensile and/or fastening device (2) containing a first (4) and a second (6) prehensile element capable of motion with respect to one another, these first and second elements being entirely constructed of a single block of shape memory material. The invention also relates to a construction process for a shape memory material.

IPC 1-7

**B25B 5/06**; **B25B 9/00**; **B23P 15/00**; **C22F 1/00**; **B25J 9/10**; **G02B 6/38**; **A61F 2/06**; **A61M 25/01**

IPC 8 full level

**G02B 6/24** (2006.01); **A61B 1/00** (2006.01); **A61B 17/08** (2006.01); **A61B 17/12** (2006.01); **A61F 2/06** (2013.01); **B23K 26/40** (2006.01); **B23P 15/00** (2006.01); **B25B 5/06** (2006.01); **B25B 9/00** (2006.01); **B25B 9/02** (2006.01); **B25J 7/00** (2006.01); **B25J 9/10** (2006.01); **B25J 15/02** (2006.01); **B25J 15/08** (2006.01); **B81B 3/00** (2006.01); **B81C 99/00** (2010.01); **G02B 6/28** (2006.01); **G02B 6/36** (2006.01); **G02B 6/38** (2006.01); **A61B 1/005** (2006.01)

CPC (source: EP)

**B23K 26/40** (2013.01); **B23P 15/00** (2013.01); **B25B 5/06** (2013.01); **B25B 9/00** (2013.01); **B25B 9/02** (2013.01); **B25J 9/1085** (2013.01); **B25J 15/02** (2013.01); **G02B 6/3616** (2013.01); **G02B 6/3859** (2013.01); **A61B 1/00165** (2013.01); **A61B 1/0058** (2013.01); **B23K 2103/04** (2018.07); **B23K 2103/08** (2018.07); **B23K 2103/12** (2018.07); **B23K 2103/26** (2018.07); **B23K 2103/50** (2018.07); **G02B 6/3636** (2013.01); **G02B 6/3688** (2013.01)

Citation (search report)

See references of WO 9824594A2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**FR 2756767 A1 19980612**; AU 5662698 A 19980629; EP 0946334 A2 19991006; JP 2001506546 A 20010522; WO 9824594 A2 19980611; WO 9824594 A3 19980723

DOCDB simple family (application)

**FR 9615013 A 19961206**; AU 5662698 A 19971204; EP 9706966 W 19971204; EP 97952930 A 19971204; JP 52523398 A 19971204