

Title (en)
Unidirectional strap wrench

Title (de)
Unidirektionales Band-Spannwerkzeug

Title (fr)
Clé à sangle à entraînement unidirectionnel

Publication
EP 0962286 B1 20091125 (FR)

Application
EP 99401315 A 19990601

Priority
• FR 9807108 A 19980605
• FR 9812577 A 19981007

Abstract (en)
[origin: EP0962286A2] The strap wrench has an arm (6,7) and a strap (11). The strap is in the shape of a loop, with opposing sections (11A,11B) cooperating with two opposing zones (14) within the arm. Between the two zones a pad (15) is arranged, not connected to the strap, and including a cylindrical contact face (20). The pad is mounted so as to rock about a geometric axis (16). This axis is arranged so that the pad and strap combine to exert a force to drive the cylindrical object (2) in one direction (F2) and allow a sliding action of the strap on the object in the opposite direction (F1).

IPC 8 full level
B25B 13/52 (2006.01); **B25B 27/00** (2006.01)

CPC (source: EP US)
B25B 13/52 (2013.01 - EP US); **B25B 27/0042** (2013.01 - EP US)

Cited by
WO2008021395A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI GB GR IE IT LI LU MC NL PT SE

Designated extension state (EPC)
RO SI

DOCDB simple family (publication)
EP 0962286 A2 19991208; EP 0962286 A3 20001115; EP 0962286 B1 20091125; AT E449670 T1 20091215; BR 9901784 A 20000321; DE 69941650 D1 20100107; ES 2335064 T3 20100318; FR 2779373 A1 19991210; FR 2779373 B3 20000825; JP 2000000775 A 20000107; US 6196090 B1 20010306

DOCDB simple family (application)
EP 99401315 A 19990601; AT 99401315 T 19990601; BR 9901784 A 19990607; DE 69941650 T 19990601; ES 99401315 T 19990601; FR 9812577 A 19981007; JP 15937399 A 19990607; US 32501899 A 19990603