

Title (en)
Belt tensioner

Title (de)
Bandspanner

Title (fr)
Dispositif de tension d'une courroie

Publication
EP 0730932 B1 20010711 (DE)

Application
EP 96103026 A 19960229

Priority
DE 19507699 A 19950304

Abstract (en)
[origin: EP0730932A1] The belt tensioner mechanism has its belt (22) wrapped around two workpieces (24,26) whose edges are protected by protection pieces fixed to the belt. The handle (20) of the mechanism is connected to a pressure plate (18) via a spindle (16) which moves it from its zero position so that it clamps the belt sides (25,26) between it and the upper part of the body (14) of the device. The belt passes into the tensioning mechanism through channels and goes through curved sections (30,32) which produce a double pulley effect when the free end of the belt is pulled in a downwards direction (23).

IPC 1-7
B25B 5/14

IPC 8 full level
B25B 1/20 (2006.01); **B25B 5/14** (2006.01); **B25B 11/00** (2006.01)

CPC (source: EP US)
B25B 1/205 (2013.01 - EP US); **B25B 5/14** (2013.01 - EP US); **B25B 5/142** (2013.01 - EP US)

Cited by
CN104044096A; DE10349229B4

Designated contracting state (EPC)
AT BE CH DE DK FR IT LI NL

DOCDB simple family (publication)
US 5918866 A 19990706; AT E202962 T1 20010715; CA 2170697 A1 19960905; CA 2170697 C 20080311; DE 19507699 A1 19960905; DE 59607246 D1 20010816; DK 0730932 T3 20011015; EP 0730932 A1 19960911; EP 0730932 B1 20010711; JP H10329043 A 19981215

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US 92799997 A 19970911; AT 96103026 T 19960229; CA 2170697 A 19960229; DE 19507699 A 19950304; DE 59607246 T 19960229; DK 96103026 T 19960229; EP 96103026 A 19960229; JP 7532396 A 19960304