

Title (en)

Fitting tensioner for mounting impellers

Title (de)

Nippelspanner für die Laufradmontage

Title (fr)

Tensionneur de raccord pour montage de rotor

Publication

EP 1086784 A3 20021030 (DE)

Application

EP 00119147 A 20000905

Priority

DE 29916709 U 19990922

Abstract (en)

[origin: EP1086784A2] The nipple tension jack has a basic body (1) which has a forked open end (4) for placing on a spoke, and a drive pulley (5) mounted inside it with several cog wheels (6-8). The last cog wheel (8) facing the forked open end is slit lengthwise to grip over the spoke, and has a container space containing a lengthwise slit tensioning ball (10) with a square cross-section. A lengthwise slit protective sleeve (23) is mounted on the basic body.

IPC 1-7

B25B 13/48; B25B 17/00

IPC 8 full level

B25B 13/48 (2006.01); **B25B 17/00** (2006.01); **B25B 27/00** (2006.01)

CPC (source: EP)

B25B 13/48 (2013.01); **B25B 17/00** (2013.01); **B25B 27/0071** (2013.01)

Citation (search report)

- [A] FR 665858 A 19290924
- [A] CH 244236 A 19460831 - MARTIN CESAR [CH]
- [A] DE 19704789 A1 19970821 - VOLKSWAGEN AG [DE]
- [A] US 3987691 A 19761026 - SAVAGE BOBBIE O
- [A] GB 2178134 A 19870204 - DOMINION TOOL & DIE CO

Cited by

GB2535329A; GB2535329B; GB2546436A; GB2546436B; US10590770B2; US9969065B2; TWI613052B

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

DE 29916709 U1 20000127; EP 1086784 A2 20010328; EP 1086784 A3 20021030

DOCDB simple family (application)

DE 29916709 U 19990922; EP 00119147 A 20000905