

Title (en)

Pipe cleaning machine for driving cleaning snakes

Title (de)

Rohrreinigungsmaschine für den Antrieb von Federwellen

Title (fr)

Machine de nettoyage de tuyaux pour l'entraînement de spirales de nettoyage

Publication

EP 0724916 B1 19981104 (DE)

Application

EP 96101163 A 19960128

Priority

DE 19503276 A 19950202

Abstract (en)

[origin: US5603136A] A hollow shaft (4) connected to a drive motor is supported in a machine housing (2) in such a way as to act on a rotary coupling (13) with at least two coupling jaws (28, 29). These jaws are held with freedom of radial and axial movement in recesses (23) in a jaw holder (14), which is able to rotate with the hollow shaft, the recesses being bounded by parallel surfaces (24, 25). The jaws can be pressed radially against the spiral wire rod under the action of a control device (16). To increase the operating reliability and to make it easier to replace the coupling jaws, one end of the hollow shaft (4) is connected nonrotatably with respect to a coupling housing (9), the circumference of which is at least mostly closed, and the jaw holder (14) with the coupling jaws (28, 29) is supported in the coupling housing (9) in such a way that it is not free to rotate but can be removed in the axial direction.

IPC 1-7

B08B 9/04; **E03F 9/00**

IPC 8 full level

B08B 9/02 (2006.01); **B08B 9/04** (2006.01); **E03F 9/00** (2006.01)

CPC (source: EP US)

B08B 9/045 (2013.01 - EP US)

Cited by

CN107202091A; US10851868B2; US11815152B2

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI LU NL PT SE

DOCDB simple family (publication)

US 5603136 A 19970218; AT E172896 T1 19981115; AU 4218696 A 19960808; AU 692646 B2 19980611; DE 19503276 C1 19960425; DE 59600748 D1 19981210; EP 0724916 A1 19960807; EP 0724916 B1 19981104; ES 2125066 T3 19990216; JP H08318238 A 19961203

DOCDB simple family (application)

US 59583096 A 19960202; AT 96101163 T 19960128; AU 4218696 A 19960125; DE 19503276 A 19950202; DE 59600748 T 19960128; EP 96101163 A 19960128; ES 96101163 T 19960128; JP 1775996 A 19960202