

Title (en)

Cable and Two-for-one twisting spindle with pneumatic threading device

Title (de)

Kablr- und Doppeldrahtzwirn-spindel mit druckluftbetätigter Einfädelvorrichtung

Title (fr)

Cableuse et broche à retordre à double torsion avec dispositif d'enfilage pneumatique

Publication

EP 1101847 B1 20030423 (DE)

Application

EP 00124017 A 20001104

Priority

DE 19955399 A 19991118

Abstract (en)

[origin: EP1101847A1] A two-for-one spindle has a hollow shaft (3) into which a second yarn can be introduced for cabling. It is fitted with a compressed air injector nozzle (9) into the radial yarn channel (5.1) arranged to produce suction in the hollow spindle axis (7) as well as along the hollow shaft (3). The air feed to the nozzle is through an annular chamber sealed by rotary seals.

IPC 1-7

D01H 15/007; **D01H 7/86**; **D02G 3/28**

IPC 8 full level

D01H 1/10 (2006.01); **D01H 7/86** (2006.01); **D01H 15/007** (2006.01); **D02G 3/28** (2006.01)

CPC (source: EP US)

D01H 7/86 (2013.01 - EP US); **D01H 15/007** (2013.01 - EP US); **D02G 3/285** (2013.01 - EP US)

Cited by

FR2937056A1; CN109811435A; US7467508B2; WO2006042578A1

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