

Title (en)
TWO-FOR-ONE TWISTER

Publication
EP 0383960 B1 19930107 (DE)

Application
EP 89102813 A 19890218

Priority
EP 89102813 A 19890218

Abstract (en)
[origin: EP0383960A1] Double-wire twister, the twisting spindles of which each have a pneumatic threading device which is arranged in the region of the spindle axis and by means of which the yarn (F1, F2) is sucked up by means of an injector effect and is injected upwards through the interspace between the bobbin can (3) and balloon limiter (8) by means of the compressed-air jet. For intercepting and positioning the yarn (F1, F2) there is a yarn catching ring (9) which is attached onto the upper annular gap (8.1) of the interspace between the bobbin can (3) and balloon limiter (8) and which has inside it a closed annular channel (10) of a cross-section (11) which is open towards the annular gap (8.1) and connected to a vacuum source via a connection piece (12) guided radially outwards. By means of the vacuum, the yarn (F1, F2) is guided into the annular channel (10) and is then conveyed further to the connection piece (12) where it is finally positioned. <IMAGE>

IPC 1-7
D01H 15/007

IPC 8 full level
D01H 7/86 (2006.01); **D01H 15/007** (2006.01)

CPC (source: EP US)
D01H 15/007 (2013.01 - EP US)

Cited by
EP0519539A1; EP0528464A1; US5291729A

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0383960 A1 19900829; EP 0383960 B1 19930107; DE 58903236 D1 19930218; JP H02242935 A 19900927; US 4998405 A 19910312

DOCDB simple family (application)
EP 89102813 A 19890218; DE 58903236 T 19890218; JP 2730090 A 19900208; US 46704990 A 19900118