

Title (en)
OPEN-END SPINNING DEVICE

Publication
EP 0208084 B1 19900919 (DE)

Application
EP 86106319 A 19860509

Priority
DE 3524313 A 19850706

Abstract (en)
[origin: US4700539A] In an open-end spinning device with two friction rollers driven in the same direction, located next to each other and forming a spinning nip, at least one of such friction rollers has a perforated casing which is over-mounted at one end. Such roller further contains a suction insert with a suction orifice connected to a negative pressure (i.e. vacuum) source. The perforated casing is supported on a shaft, one end of which is received and supported in a portion of the suction insert. The suction insert is located within the casing, directly behind it, and has a constant cross-section up to its connection with a suction line. In such manner, a maximum suction cross-section is provided with minimum support requirements.

IPC 1-7
D01H 4/00; D01H 4/04

IPC 8 full level
D01H 4/00 (2006.01); **D01H 4/04** (2006.01); **D01H 4/18** (2006.01); **D01H 4/20** (2006.01)

CPC (source: EP US)
D01H 4/20 (2013.01 - EP US)

Citation (examination)
DE 3316658 A1 19850117 - STAHLCKER FRITZ [DE], et al

Cited by
AT397395B

Designated contracting state (EPC)
CH DE FR GB IT LI

DOCDB simple family (publication)
EP 0208084 A2 19870114; EP 0208084 A3 19870812; EP 0208084 B1 19900919; BR 8602987 A 19870217; CN 1004498 B 19890614; CN 86105658 A 19870225; CS 275873 B6 19920318; DE 3524313 A1 19870115; DE 3524313 C2 19871112; DE 3674274 D1 19901025; IN 168076 B 19910202; JP H0340127 B2 19910618; JP S6215333 A 19870123; US 4700539 A 19871020

DOCDB simple family (application)
EP 86106319 A 19860509; BR 8602987 A 19860627; CN 86105658 A 19860705; CS 478886 A 19860627; DE 3524313 A 19850706; DE 3674274 T 19860509; IN 699MA1986 A 19860829; JP 15187586 A 19860630; US 88068986 A 19860701