

Title (en)

Apparatus for the air-entangling of several running yarns.

Title (de)

Vorrichtung zum Luftverwirbeln einer Vielzahl von laufenden Fäden.

Title (fr)

Appareil pour l'entrelacement par jet d'air d'une multiplicité de fils en mouvement.

Publication

EP 0152919 A2 19850828 (DE)

Application

EP 85101621 A 19850214

Priority

- DE 3405891 A 19840218
- DE 3413276 A 19840407

Abstract (en)

[origin: US4592119A] An apparatus is disclosed for simultaneously air jet entangling a plurality of advancing multifilament yarns. The apparatus comprises a plurality of elongate air jet beams, with each beam having a longitudinal air passageway extending along its length, and a plurality of parallel yarn ducts extending transversely through the beam. Also, an air jet aperture communicates between the air passageway and each yarn duct for directing an impinging airstream against an advancing yarn passing through the duct. The beams are mounted to a supporting frame, with the beams being horizontally disposed and vertically spaced apart, and the beams are each mounted for rotation about a horizontal axis which extends longitudinally along its length, and the supporting frame is itself mounted for rotational movement about a horizontal axis which is parallel to the rotational axes of the beams.

Abstract (de)

Eine Vorrichtung zum gleichzeitigen Verwirbeln einer grossen Zahl multifiler Fäden weist eine Vielzahl von einzelnen Düsen auf. Die Düsen sind auf einem gemeinsamen Träger 6 angeordnet. Jeder Träger 6 weist hierzu einen oder mehrere Düsenkörper 7 auf. Die Relativlage der Düsenkörper ist veränderbar. Die Düsenkörper sind als Hohlkörper ausgebildet und dienen der Luftzufuhr.

IPC 1-7

D02J 1/08; **D02G 1/16**

IPC 8 full level

D02G 1/16 (2006.01); **D02H 3/00** (2006.01); **D02J 1/08** (2006.01)

CPC (source: EP US)

D02H 11/00 (2013.01 - EP US); **D02J 1/08** (2013.01 - EP US)

Cited by

EP0768401A1; EP0853151A1; EP0216951A1; EP0980920A1; DE3832283C1; DE4327371A1; EP0483601A1; FR2668503A1; US6029328A; DE3523711A1; EP0860526A3; EP0703306A1; US5634249A; DE3711761A1; WO8902942A1; WO9119839A1; WO8901538A1

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

EP 0152919 A2 19850828; **EP 0152919 A3 19871028**; **EP 0152919 B1 19900124**; DE 3575584 D1 19900301; US 4592119 A 19860603; US 4644622 A 19870224

DOCDB simple family (application)

EP 85101621 A 19850214; DE 3575584 T 19850214; US 67672384 A 19841130; US 72013985 A 19850405