

Title (en)

DEVICE FOR WETTING RUNNING FILAMENTS

Title (de)

VORRICHTUNG ZUM BENETZEN EINER LAUFENDEN FILAMENTSCHAR

Title (fr)

DISPOSITIF POUR IMPREGNER UN ENSEMBLE DE FILAMENTS EN MOUVEMENT

Publication

EP 1590512 A1 20051102 (DE)

Application

EP 04706165 A 20040129

Priority

- EP 2004000787 W 20040129
- DE 10304596 A 20030205

Abstract (en)

[origin: WO2004070092A1] The invention relates to a device for wetting a group of filaments (3). Said device comprises a carrier (4), a wetting tray (5) which is fixed to the carrier (4), and a pressure chamber (6) which is embodied inside the carrier and used to receive a wetting agent. Said wetting tray is provided with a plurality of openings which are located on an outer contact surface in contact with the filaments and are directly connected to the pressure chamber. The aim of the invention is to ensure that the wetting agent is ejected over the surface unit of the contact surface in a homogeneously dosed manner. To this end, the wetting tray is formed by a thin-walled perforated plate (9) comprising openings which are distributed in a regular pattern.

IPC 1-7

D01D 5/096; D01D 5/088; D01D 11/06

IPC 8 full level

D01D 5/096 (2006.01)

CPC (source: EP)

D01D 5/096 (2013.01)

Citation (search report)

See references of WO 2004070092A1

Designated contracting state (EPC)

CH DE IT LI

DOCDB simple family (publication)

WO 2004070092 A1 20040819; CN 1748050 A 20060315; CN 1748050 B 20110504; DE 502004012085 D1 20110217; EP 1590512 A1 20051102; EP 1590512 B1 20110105

DOCDB simple family (application)

EP 2004000787 W 20040129; CN 200480003491 A 20040129; DE 502004012085 T 20040129; EP 04706165 A 20040129