Title (en)

SPINNING BEAM FOR SPINNING A PLURALITY OF SYNTHETIC THREADS AND SPINNING DEVICE COMPRISING A SPINNING BEAM OF THIS TYPE

Title (de)

SPINNBALKEN ZUM SPINNEN EINER MEHRZAHL VON SYNTHETISCHEN FÄDEN UND SPINNANLAGE MIT EINEM DERARTIGEN SPINNBALKEN

Title (fr)

COLLECTEUR-REPARTITEUR PERMETTANT DE FILER UNE PLURALITE DE FILS SYNTHETIQUES ET INSTALLATIONS DE FILAGE POURVUES DE CE TYPE DE COLLECTEUR-REPARTITEUR

Publication

EP 0742851 A1 19961120 (DE)

Application

EP 95940123 A 19951201

Priority

- DE 9501705 W 19951201
- DE 4442946 A 19941202
- DE 4445837 A 19941222

Abstract (en)

[origin: WO9617116A1] The invention concerns a spinning beam (1) for spinning a plurality of synthetic threads and a spinning system comprising a spinning beam (1) of this type. The spinning beam (1) comprises an elongate cuboid which is filled with a heating medium and on whose underside two parallel rows of connections (20) for one spinneret pot (19) in each case are provided with a spinneret plate (18). The melt is distributed by a melt feed line (23) onto one multi-spinning pump (12) for each row of connections (20) and fed therefrom by melt-distribution lines (14) to the spinneret pots (19) of each row. A transverse flow of cooling air is blown against the filament threads spun out of the spinneret plates (18) and below the spinning nozzle plate (18), the filament threads setting. The cooling air emerges from a blowing wall (33) of a blowing box, said wall being opposite the row of spinnerets, the blowing boxes defining a common cuboid.

IPC 1-7

D01D 5/08; D01D 1/06; D01D 5/088

IPC 8 full level

D01D 1/06 (2006.01); **D01D 4/06** (2006.01); **D01D 5/08** (2006.01); **D01D 5/088** (2006.01)

CPC (source: EP KR US)

D01D 1/06 (2013.01 - EP US); **D01D 4/06** (2013.01 - EP US); **D01D 5/08** (2013.01 - EP KR US); **D01D 5/088** (2013.01 - EP US)

Citation (search report)

See references of WO 9617116A1

Cited by

CN100393409C; WO2009053243A1; US7172399B2

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

WO 9617116 A1 19960606; CN 1064724 C 20010418; CN 1139960 A 19970108; DE 59510143 D1 20020508; EP 0742851 A1 19961120; EP 0742851 B1 20020403; KR 100427421 B1 20040804; KR 970700790 A 19970212; US 5922362 A 19990713

DOCDB simple family (application)

DE 9501705 W 19951201; CN 95191463 A 19951201; DE 59510143 T 19951201; EP 95940123 A 19951201; KR 19960704177 A 19960801; US 68739696 A 19961120