

Title (en)

NOZZLE FOR CONVEYING A TEXTILE SKEIN AND FEEDING LIQUOR AND DEVICE FOR TREATING TEXTILES IN THE FORM OF AT LEAST ONE ENDLESS SKEIN WITH LIQUOR

Title (de)

DÜSE ZUM TRANSPORT EINES TEXTILEN STRANGES UND ZUR ZUFUHR VON FLOTTE UND VORRICHTUNG ZUM BEHANDELN VON TEXTILGUT IN FORM VON MINDESTENS EINEM ENDLOSEN STRANG MIT FLOTTE

Title (fr)

BUSE DE TRANSPORT D'UN BOYAU DE TEXTILE, ALIMENTATION D'UN BAIN ET DISPOSITIF DE TRAITEMENT D'UN PRODUIT TEXTILE SOUS LA FORME AU MOINS D'UN BOYAU CONTINU A L'AIDE D'UN BAIN

Publication

EP 0993517 A1 20000419 (DE)

Application

EP 98936388 A 19980624

Priority

- DE 19728420 A 19970703
- EP 9803864 W 19980624

Abstract (en)

[origin: DE19728420A1] Nozzles impinged upon by air as a conveyor medium for non-damaging conveyance of a skein and liquor feed devices arranged at the input of a textile material storage device are commonly used to treat textile materials in the form of a skein with liquor. However, only a part of the exiting liquor jets hits the skein which moves back and forth for folding purposes. Nozzles known per se also include those whose body is used to supply liquor so that they also serve as a medium of conveyance, thereby impinging upon the textile material with the added disadvantage that the liquor hits the skein while compressed. The aim of the invention is to provide a nozzle and a device which enable non-damaging, energy-efficient conveyance, in addition to using liquor effectively. The inventive nozzle is characterized by a liquor feed device (4) which is arranged on the introduction device (3) and which can pivot with the latter. One or several outlets (22) of the feed device (4) are directed at the skein (40) and are arranged at the rear end of the introduction device (3) so that liquor can exit in the form of a jet. The inventive device for treating textile material is provided with such a nozzle.

IPC 1-7

D06B 3/28

IPC 8 full level

D06B 3/28 (2006.01)

CPC (source: EP KR)

D06B 3/28 (2013.01 - EP KR); **D06B 23/00** (2013.01 - KR)

Citation (search report)

See references of WO 9901601A1

Designated contracting state (EPC)

DE DK ES FR GB GR IT PT

DOCDB simple family (publication)

DE 19728420 A1 19990107; **DE 19728420 C2 20001102**; DE 59804435 D1 20020718; DK 0993517 T3 20021007; EP 0993517 A1 20000419; EP 0993517 B1 20020612; ES 2178240 T3 20021216; KR 100472872 B1 20050307; KR 20010021491 A 20010315; PT 993517 E 20021129; TR 199902629 T2 20000221; WO 9901601 A1 19990114

DOCDB simple family (application)

DE 19728420 A 19970703; DE 59804435 T 19980624; DK 98936388 T 19980624; EP 9803864 W 19980624; EP 98936388 A 19980624; ES 98936388 T 19980624; KR 20007000005 A 20000103; PT 98936388 T 19980624; TR 9902629 T 19980624