

Title (en)

Nozzle for transporting material in rope form and device for treating textile in endless rope form

Title (de)

Düse zum Transport eines Stranges und Vorrichtung zum Behandeln von Textilgut in Form mindestens eines eindlosen Stranges

Title (fr)

Jet de transport d'une matière en boyau et dispositif de traitement des textiles sous forme de boyau sans fin

Publication

**EP 0765961 B1 20020502 (DE)**

Application

**EP 96111240 A 19960712**

Priority

DE 19536070 A 19950928

Abstract (en)

[origin: EP0765961A1] The two-part jet assembly to move continuous textile strand material to a vessel with a treatment bath, or between treatment baths, has the leading section as the first part (3) with a section (7) of decreasing cross-section, while the trailing section (8) of the first part (3) has a constant cross-section. The shrouding section (9) of the second part (4), round the trailing section (8) of the first part (3), ends at or behind it, with its smallest cross-section larger than the trailing section (8) of the first part (3) and especially 1.3-3.0 times larger. The final section (11) of the second part (3) is formed as a diffusor. Also claimed is an assembly with a vessel, which can be closed, for each textile strand, and a store to hold the material in loops. The jet unit moves the material to keep it recirculating through the bath. The treatment bath has a liquid feed, and a fluid recirculation system.

IPC 1-7

**D06B 3/28**; **D06B 23/04**

IPC 8 full level

**B65H 20/14** (2006.01); **D06B 3/28** (2006.01); **D06B 23/04** (2006.01)

CPC (source: EP US)

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DOCDB simple family (publication)

**DE 29616185 U1 19961114**; DE 19536070 A1 19970410; DE 19536070 C2 20001207; DE 59609144 D1 20020606; EP 0765961 A1 19970402; EP 0765961 B1 20020502; EP 0765961 B9 20041222; PT 765961 E 20021031; TR 199600600 A2 19970422; US 5746072 A 19980505

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