

Title (en)
Improved spinning pack for wet spinning bicomponent filaments.

Title (de)
Düsenpaket zum Spinnen von bikomponenten Faden.

Title (fr)
Ensemble de filage pour filage au mouillé de filaments bicomposés.

Publication
EP 0376911 B1 19931110 (EN)

Application
EP 89870212 A 19891221

Priority
US 29189188 A 19881229

Abstract (en)
[origin: EP0376911A2] A spinning pack for wet spinning a tow having at least 20,000 bicomponent acrylic filaments is described. The pack comprises a plurality of specially designed plates (20, 21, 22, 23, 24) arranged so as to provide filaments having a substantially uniform distribution of the components along the entire length of each filament and from filament to filament.

IPC 1-7
D01D 5/30

IPC 8 full level
D01F 8/08 (2006.01); **D01D 5/06** (2006.01); **D01D 5/30** (2006.01); **D01D 5/32** (2006.01)

CPC (source: EP)
D01D 5/30 (2013.01)

Citation (examination)
GB 2007587 A 19790523 - MITSUBISHI RAYON CO

Cited by
WO2004044280A3

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0376911 A2 19900704; EP 0376911 A3 19910529; EP 0376911 B1 19931110; AT E97174 T1 19931115; DE 68910664 D1 19931216; DE 68910664 T2 19940428; ES 2045560 T3 19940116; JP 2891425 B2 19990517; JP H02221405 A 19900904

DOCDB simple family (application)
EP 89870212 A 19891221; AT 89870212 T 19891221; DE 68910664 T 19891221; ES 89870212 T 19891221; JP 34504689 A 19891228