

Title (en)

Yarn draw-off nozzle for an open-end spinning machine

Title (de)

Garnabzugsdüse für Offenend-Rotorspinnvorrichtungen

Title (fr)

Tuyère de sortie de fil pour un métier à filer à bout libre

Publication

EP 1445358 A3 20050413 (DE)

Application

EP 03026450 A 20031120

Priority

DE 10305792 A 20030210

Abstract (en)

[origin: EP1445358A2] A ceramic draw-off tube (17) has a pattern of grooves or notches (22) at the curved yarn entry region (19). The grooves (22) end in a recess (23), which can be a blind hole or an annular groove. The yarn draw-off channel (16) can start at a recess.

IPC 1-7

D01H 4/40

IPC 8 full level

D01H 4/40 (2006.01)

CPC (source: EP)

D01H 4/40 (2013.01)

Citation (search report)

- [DA] DE 2544721 A1 19770414 - FELDMUEHLE ANLAGEN PROD
- [A] DE 3940046 A1 19910606 - SCHLAFHORST & CO W [DE]
- [A] DE 10061337 A1 20020110 - RIETER INGOLSTADT SPINNEREI [DE]

Cited by

CN108291332A; US2018320292A1; US10767284B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1445358 A2 20040811; EP 1445358 A3 20050413; EP 1445358 B1 20061025; AT E343667 T1 20061115; DE 10305792 A1 20040819; DE 50305474 D1 20061207

DOCDB simple family (application)

EP 03026450 A 20031120; AT 03026450 T 20031120; DE 10305792 A 20030210; DE 50305474 T 20031120