

Title (en)

Apparatus for producing spun yarn

Title (de)

Vorrichtung zur Herstellung eines gesponnenen Garnes

Title (fr)

Dispositif pour réaliser un fil

Publication

EP 1284312 A3 20030716 (DE)

Application

EP 02014499 A 20020629

Priority

CH 15192001 A 20010817

Abstract (en)

[origin: EP1284312A2] The spinner, to produce a spun yarn (4) from a loose sliver (2), has an eddy flow, with an eddy chamber (3) between the fiber feed channel (1) and the yarn take-off channel (5). A fluid is delivered by tangential jets (6), which is taken off through an escape channel (7). A downstream wall plate (20) defines the eddy chamber, and separates it from the escape channel but is fitted with a number of openings (21) as passages into the escape channel.

IPC 1-7

D01H 4/02; **D01H 1/115**

IPC 8 full level

D01H 1/115 (2006.01); **D01H 4/02** (2006.01)

CPC (source: EP US)

D01H 1/115 (2013.01 - EP US); **D01H 4/02** (2013.01 - EP US)

Citation (search report)

- [A] US 4073129 A 19780214 - OSTROWSKI JERZY, et al
- [A] US 5159806 A 19921103 - MORI SHIGEKI [JP], et al
- [A] US 5528895 A 19960625 - DENO KOJI [JP]

Cited by

EP2369043A3; CN104532418A

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1284312 A2 20030219; **EP 1284312 A3 20030716**; **EP 1284312 B1 20050914**; AT E304620 T1 20050915; CN 100335694 C 20070905; CN 1407152 A 20030402; DE 50204235 D1 20051020; JP 2003082537 A 20030319; US 2003115850 A1 20030626; US 6789382 B2 20040914

DOCDB simple family (application)

EP 02014499 A 20020629; AT 02014499 T 20020629; CN 02130338 A 20020816; DE 50204235 T 20020629; JP 2002238582 A 20020819; US 20161102 A 20020724