

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)

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