

Title (en)
Device for making a core yarn

Title (de)
Vorrichtung zur Herstellung eines Core-Garns

Title (fr)
Dispositif pour la production d'un fil d'âme

Publication
EP 1223236 A3 20031203 (DE)

Application
EP 01130244 A 20011219

Priority
CH 25042000 A 20001222

Abstract (en)
[origin: EP1223236A2] In a process to spin fibres around a continual core thread, the core thread (C) feeds into a passage inlet where it meets a parallel incoming fibre (F) feed. The inlet also has spin vortex generator jets. Also claimed is a spinning assembly in which a continual thread (C) is spun into core yarn. The thread feeds through a block (4) into a passage (13) with fibre guide surfaces to the yarn feed passage (7) inlet (6c). Spinning vortex generator jets (3) are directed at the feed passage inlet (7). The thread block (4) has a guide passage (5) with a fibre release edge. The inlet (6c) converges towards the spindle (6). The fibre and thread guide (4) has a thread feed tubular element.

IPC 1-7
D01H 4/02; **D02G 3/36**

IPC 8 full level
D01H 1/115 (2006.01); **D01H 4/02** (2006.01); **D01H 4/34** (2006.01); **D01H 4/38** (2006.01); **D02G 3/04** (2006.01); **D02G 3/38** (2006.01); **D02J 1/00** (2006.01)

CPC (source: EP US)
D01H 1/115 (2013.01 - EP US); **D01H 4/02** (2013.01 - EP US); **D01H 4/38** (2013.01 - EP US)

Citation (search report)

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- [A] DE 4307741 A1 19930916 - MURATA MACHINERY LTD [JP]
- [A] EP 0990719 A1 20000405 - SCHLAFHORST & CO W [DE]

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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 1223236 A2 20020717; **EP 1223236 A3 20031203**; **EP 1223236 B1 20130529**; CN 100445441 C 20081224; CN 1362549 A 20020807; ES 2425214 T3 20131014; JP 2002227052 A 20020814; JP 4310061 B2 20090805; PT 1223236 E 20130822; US 2002124543 A1 20020912; US 6782685 B2 20040831

DOCDB simple family (application)
EP 01130244 A 20011219; CN 01145734 A 20011221; ES 01130244 T 20011219; JP 2001392533 A 20011225; PT 01130244 T 20011219; US 2281101 A 20011218