

Title (en)
Spinning machine

Title (de)
Spinnmaschine

Title (fr)
Appareil de tourbillonnement pour injecteur de carburant pour moteur à turbine à gaz

Publication
EP 2573221 A3 20161130 (EN)

Application
EP 12174566 A 20120702

Priority
JP 2011206528 A 20110921

Abstract (en)
[origin: EP2573221A2] A spinning machine (100) includes a drafting section (2) adapted to draft a fiber bundle (F), and a spinning section (3) adapted to twist a fiber bundle (F) drafted by the drafting section (2). The spinning section (3) includes a passage (FP) adapted to guide the fiber bundle (F) and prevent accumulation of the fiber bundle (F) at a gap formed between the drafting section (2) and the spinning section (3).

IPC 8 full level
D01H 1/14 (2006.01); **D01H 1/115** (2006.01); **D01H 11/00** (2006.01)

CPC (source: EP)
D01H 1/115 (2013.01); **D01H 11/00** (2013.01)

Citation (search report)

- [XA] DE 10358484 A1 20050707 - STAHLLECKER GMBH WILHELM [DE]
- [XAI] DE 10311826 A1 20040923 - STAHLLECKER GMBH WILHELM [DE]
- [XA] US 4412413 A 19831101 - SAKAI SHOJI [JP], et al
- [A] US 5070688 A 19911210 - KATO HISAAKI [JP], et al
- [A] DE 4210946 A1 19931007 - SCHURR STAHLLECKER & GRILL [DE]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2573221 A2 20130327; **EP 2573221 A3 20161130**; **EP 2573221 B1 20190619**; CN 103014940 A 20130403; CN 103014940 B 20171124; JP 2013067897 A 20130418

DOCDB simple family (application)
EP 12174566 A 20120702; CN 201210250656 A 20120719; JP 2011206528 A 20110921