

Title (en)
Device for producing a spun yarn

Title (de)
Vorrichtung zum Herstellen eines gesponnenen Fadens

Title (fr)
Dispositif pour produire un filet

Publication
EP 1431432 B1 20070103 (DE)

Application
EP 03024832 A 20031031

Priority
DE 10261011 A 20021217

Abstract (en)
[origin: EP1431432A1] A spinning assembly converts staple slivers into spun thread. The assembly has a sliver feed aperture with an outlet to a stationary spindle having an inlet and thread discharge passage. The spinning action is effected in a vortex chamber with an air feed. The feed passage (1) esp. follows a meandering route defined by diversion edges (14, 15, 16) between which the slivers are unsupported. In the sliver (2) direction of travel (A) the last diversion edge (16) is eccentric with respect to the thread discharge passage (5) inlet (13).

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

Cited by
EP2009151A1; CN102465363A; DE102011054302A1; WO2013117491A1; WO2015044728A1

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

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