

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

DOCDB simple family (publication)  
**EP 1431432 A1 20040623**; **EP 1431432 B1 20070103**; AT E350522 T1 20070115; CN 100451192 C 20090114; CN 1508307 A 20040630; DE 10261011 A1 20040708; DE 50306178 D1 20070215; JP 2004197292 A 20040715; US 2005204720 A1 20050922; US 7080502 B2 20060725

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