

Title (en)

Spinning machine for the manufacture of yarn by using air vortex streams

Title (de)

Spinnvorrichtung zur Herstellung eines Fadens mittels eines umlaufenden Luftstroms

Title (fr)

Métiers à filer pour la fabrication de fil en utilisant des jets d'air vortex

Publication

EP 1748094 B1 20101208 (DE)

Application

EP 06012109 A 20060613

Priority

DE 102005035049 A 20050727

Abstract (en)

[origin: EP1748094A1] In air-jet spinning apparatus (5) for producing a thread using a circulating air jet, having a hollow spinning cone (19), rotatable about its central longitudinal axis, in the spinning housing and a nozzle block supplied with compressed air to generate the air jet, the cone is mounted in the housing rear part (15) via a bearing arrangement (30) so that the insertion angle position of the cone is adjustable.

IPC 8 full level

D01H 4/02 (2006.01); **D01H 1/115** (2006.01)

CPC (source: EP US)

D01H 1/115 (2013.01 - EP US); **D01H 4/02** (2013.01 - EP US)

Cited by

CN113089139A; EP2537968A3; CN111604207A; EP2463414A3; CN105220279A; WO2010034416A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1748094 A1 20070131; **EP 1748094 B1 20101208**; BR PI0602903 A 20070313; CN 100532661 C 20090826; CN 1904164 A 20070131; DE 102005035049 A1 20070201; DE 502006008461 D1 20110120; US 2007022729 A1 20070201; US 7386976 B2 20080617

DOCDB simple family (application)

EP 06012109 A 20060613; BR PI0602903 A 20060725; CN 200610101746 A 20060707; DE 102005035049 A 20050727; DE 502006008461 T 20060613; US 49065606 A 20060721