

Title (en)
AIR NOZZLE SPINNING MACHINE

Title (de)
LUFTDÜSENSPINNMASCHINE

Title (fr)
METIER A FILER A BUSES D'AIR

Publication
EP 1802792 A1 20070704 (DE)

Application
EP 05799748 A 20051018

Priority
• EP 2005011193 W 20051018
• DE 102004052510 A 20041021

Abstract (en)
[origin: WO2006045492A1] The invention relates to an air-nozzle spinning machine for producing spun threads from staple fibre slivers, wherein said spinning machine comprises a plurality of spinning posts (1, 2,) with which spin-effect generating compressed air nozzles (9) are associated, respectively. A common compressed-air controller comprising a pressure sensor (12) and a control unit (13) is mounted upstream of the spinning posts. Said compressed air controller is adjusted according to a reference pressure which corresponds to an uncontrollable static pressure when all spinning posts operate. In the case of the static pressure modification, said compressed-air controller adjusts the reference pressure.

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 1/16** (2013.01 - EP US); **D01H 4/02** (2013.01 - EP US)

Citation (search report)
See references of WO 2006045492A1

Designated contracting state (EPC)
CH CZ DE IT LI TR

DOCDB simple family (publication)
DE 102004052510 A1 20060427; CN 101044271 A 20070926; CN 101044271 B 20100623; DE 502005010963 D1 20110324; EP 1802792 A1 20070704; EP 1802792 B1 20110209; JP 2008517180 A 20080522; JP 4500855 B2 20100714; US 2008190090 A1 20080814; US 7628005 B2 20091208; WO 2006045492 A1 20060504

DOCDB simple family (application)
DE 102004052510 A 20041021; CN 200580036148 A 20051018; DE 502005010963 T 20051018; EP 05799748 A 20051018; EP 2005011193 W 20051018; JP 2007537186 A 20051018; US 66592805 A 20051018