

Title (en)

AIR-JET UNIT FOR AN AIR-JET SPINNING APPARATUS

Title (de)

LUFTDÜSENAGGREGAT FÜR EINE LUFTDÜSENSPINNVORRICHTUNG

Title (fr)

GROUPE DE BUSES A AIR DESTINE A UN DISPOSITIF DE FILAGE A BUSES A AIR

Publication

EP 1926848 A1 20080604 (DE)

Application

EP 06776298 A 20060719

Priority

- EP 2006007095 W 20060719
- DE 102005045703 A 20050919

Abstract (en)

[origin: WO2007033717A1] An air-jet unit (3) for an air-jet spinning apparatus for producing a spun thread (4) from a staple fibre composite (2) contains a swirl chamber (9) and a plurality of injection ducts (10, 21) which open into the swirl chamber for feeding fluids. At least two injection ducts are provided which have a different angle of inclination with respect to a parallel line to the axis of the spun thread. At least two injection ducts having different angles of inclination can be connected to at least one compressed-air source. The injection ducts having different angles of inclination can preferably be connected to compressed-air sources which can be regulated separately.

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)

Citation (search report)

See references of WO 2007033717A1

Designated contracting state (EPC)

CH CZ DE IT LI TR

DOCDB simple family (publication)

DE 102005045703 A1 20070322; CN 101268222 A 20080917; EP 1926848 A1 20080604; JP 2009509051 A 20090305; US 2008276594 A1 20081113; WO 2007033717 A1 20070329

DOCDB simple family (application)

DE 102005045703 A 20050919; CN 200680034415 A 20060719; EP 06776298 A 20060719; EP 2006007095 W 20060719; JP 2008530344 A 20060719; US 6725606 A 20060719