Title (en)

Piecing method for, or piecing of, spinning stations in Air vortex spinning machines

Title (de)

Ansetzverfahren oder Anspinnen für Spinnstellen von Luftspinnmaschinen

Title (fr)

Procédé de rattache pour, ou rattachement dans, des postes de filature des métiers à filer à vortex d'air

Publication

EP 1375709 A3 20040512 (DE)

Application

EP 03013347 A 20030616

Priority

CH 10672002 A 20020621

Abstract (en)

[origin: EP1375709A2] In an air spinning machine start-up process an elongated feed of fibres (10') is converted to yarn (11) in a finishing unit (28) with a powered inlet feed (29, 30) and a powered output (32). The assembly has a splicing station, an air vortex outlet (3) and a yarn withdrawal unit. After an interruption of the spinning process, the process is resumed by a number of defined steps. In the start-up process, the start-up of the inlet and outlet sections are staggered to provide an overlap at the splicing point (11). Following a break, the finishing unit is re-started and the fibre ends are separated by stopping the output section. The yarn end is reversed to a pre-determined point where it is exposed to the air vortex and then advanced to the splicing station.

IPC 1-7

D01H 4/48; D01H 4/02

IPC 8 full level

D01H 1/115 (2006.01); **D01H 4/02** (2006.01); **D01H 4/48** (2006.01)

CPC (source: EP US)

D01H 1/115 (2013.01 - EP US); **D01H 15/002** (2013.01 - EP US)

Citation (search report)

- [PXA] EP 1219737 A1 20020703 - RIETER AG MASCHF [CH]
- [DA] EP 0853149 A2 19980715 - MURATA MACHINERY LTD [JP]
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DE10335651B4; DE102011054302A1

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)

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DOCDB simple family (application)

EP 03013347 A 20030616; CN 03143882 A 20030620; JP 2003178317 A 20030623; US 46405403 A 20030618