

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

Publication

**EP 1375709 B1 20140806 (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 8 full level

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

CPC (source: EP US)

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Cited by

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Designated contracting state (EPC)

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**EP 1375709 A2 20040102**; **EP 1375709 A3 20040512**; **EP 1375709 B1 20140806**; CN 100379911 C 20080409; CN 1477247 A 20040225; JP 2004027473 A 20040129; JP 4718108 B2 20110706; US 2004045270 A1 20040311; US 6959532 B2 20051101

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