

Title (en)

Apparatus for melt spinning and winding of at least one synthetic yarn

Title (de)

Vorrichtung zum Schmelzspinnen und Aufwickeln zumindest eines synthetischen Fadens

Title (fr)

Installation pour le filage au fondu et enroulement d'au moins un fil synthétique

Publication

EP 1253222 A3 20030528 (DE)

Application

EP 02008214 A 20020418

Priority

DE 10120551 A 20010426

Abstract (en)

[origin: EP1253222A2] A synthetic fiber (17) melt-spinning assembly and winding is assembly secured within a spinning machine frame (1) with a number of feed units (4, 5) and a winder unit (3). The spinning stage, feed and winder units are all installed within the machine frame to create esp. an N-profiled thread feed pattern. A module-holder (6) is located within the inclined thread section between the spinning stage and winding unit. The holder (6) can receive one or more stacked interchangeable thread process modules esp. powered gallette modules and an overflow roller. One of the gallettes is heated. The modules are symmetrical and may be presented at 0 degrees , 90 degrees , 180 degrees or 270 degrees to the holder (6). The feeder units (4, 5) each form part of modular feed modules (15.1, 15.2), one of which (15.1) is directly below the spinning station, the other (15.2) being directly overhead the winder unit (3).

IPC 1-7

D01D 5/08; **D01D 13/00**

IPC 8 full level

D01D 5/08 (2006.01); **D01D 7/00** (2006.01); **D01D 13/00** (2006.01)

CPC (source: EP)

D01D 5/08 (2013.01); **D01D 5/16** (2013.01); **D01D 7/00** (2013.01); **D01D 13/00** (2013.01)

Citation (search report)

- [A] EP 0940485 A2 19990908 - BARMAG BARMER MASCHF [DE]
- [A] DE 19958245 A1 20000615 - BARMAG BARMER MASCHF [DE]
- [A] DE 19742341 A1 19980402 - BARMAG BARMER MASCHF [DE]

Cited by

EP1486592A1; EP4101799A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1253222 A2 20021030; **EP 1253222 A3 20030528**; **EP 1253222 B1 20090610**; AT E433507 T1 20090615; DE 10120551 A1 20021031; DE 50213596 D1 20090723

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