

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 B1 20090610 (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 galette modules and an overflow roller. One of the galettes 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 8 full level

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

CPC (source: EP)

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Cited by

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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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