

Title (en)
Spinning preparation machine

Title (de)
Spinnereivorbereitungsmaschine

Title (fr)
Machine de préparation de filature

Publication
EP 1652975 B1 20091230 (DE)

Application
EP 05109235 A 20051005

Priority
DE 102004052177 A 20041027

Abstract (en)
[origin: EP1652975A2] A spinning preparation machine (1), especially a drawing machine or a carder, in which the roller pairs (5, 6, 7) in the drawing unit (4) are in a housing (15) which is isolated from the machine drive unit and has at least one tempering source (20) for cooling and/or heating the inside of the housing (15). A spinning preparation machine (1), especially a drawing machine or a carder, with a drawing unit (4) comprising several roller pairs (5, 6, 7) with upper (5a, 6a, 7a) and lower rollers (5b, 6b, 7b) in which a fibre composite (FB) can be stretched, in which the roller pairs are in a housing (15) which is isolated from the machine drive unit and has at least one tempering source (20) for cooling and/or heating the inside of the housing (15). Independent claims are also included for (1) a housing (15) as above, designed to enclose the roller pairs (5, 6, 7) and isolate them from the external conditions around the machine (1) and from other components a compression bar (8) for a drawing unit (4) as above, with a hollow cavity which can be connected to a tempering source (20) and also has at least one outlet (29) for a cooling medium .

IPC 8 full level
D01H 1/16 (2006.01)

CPC (source: EP US)
D01H 1/16 (2013.01 - EP US); **D01H 5/66** (2013.01 - EP US); **D01H 11/005** (2013.01 - EP US)

Cited by
CN106574408A; CH713550A1; DE102009031979A1; US10344405B2; WO2015170154A1

Designated contracting state (EPC)
CH DE IT LI TR

DOCDB simple family (publication)
EP 1652975 A2 20060503; EP 1652975 A3 20070808; EP 1652975 B1 20091230; EP 1652975 B2 20171115; CN 1766186 A 20060503; DE 102004052177 A1 20060504; DE 102004052177 B4 20131031; DE 502005008774 D1 20100211; US 2006143872 A1 20060706

DOCDB simple family (application)
EP 05109235 A 20051005; CN 200510118855 A 20051026; DE 102004052177 A 20041027; DE 502005008774 T 20051005; US 25962005 A 20051026