

Title (en)

SPINNING MACHINE COMPRISING A PLURALITY OF WORKPLACES AND A SUCTION APPLIANCE

Title (de)

SPINNMASCHINE MIT EINER VIELZAHL VON ARBEITSSTELLEN UND EINER ABSAUGEINRICHTUNG

Title (fr)

MÉTIER À TISSER COMPRENANT PLUSIEURS POSTES DE TRAVAIL ET UN DISPOSITIF D'ASPIRATION

Publication

EP 3255182 B1 20220504 (DE)

Application

EP 17173865 A 20170601

Priority

DE 102016110147 A 20160601

Abstract (en)

[origin: US2017350042A1] A spinning machine (1) features a multiple number of work stations (3) arranged side by side between two front-side ends (2) of the spinning machine (1) on at least one longitudinal side of the spinning machine (1), each of which features a multiple number of work elements for the production and winding of a yarn (31), whereas the work elements comprise at least one feed device (4), one spinning chamber (5), one draw-off device (6) and one winding device (7). The spinning machine (1) features drives for driving the work elements and a suction device (8) for generating negative pressure at the work stations (3). The suction device (8) includes at least one negative pressure source (9) and at least two negative pressure channels (10), which extends in the longitudinal direction of the spinning machine (1) only over one part of the work stations (3). Thereby, each work station (3) features an individual drive (11), in particular an individual electrical drive (11), for the draw-off device (6).

IPC 8 full level

D01H 1/115 (2006.01); **D01H 1/20** (2006.01); **D01H 4/24** (2006.01); **D01H 11/00** (2006.01)

CPC (source: CN EP US)

B65H 54/28 (2013.01 - CN); **D01H 1/02** (2013.01 - CN); **D01H 1/11** (2013.01 - US); **D01H 1/115** (2013.01 - EP US); **D01H 1/20** (2013.01 - EP US); **D01H 4/02** (2013.01 - US); **D01H 4/08** (2013.01 - CN); **D01H 4/24** (2013.01 - EP US); **D01H 7/00** (2013.01 - US); **D01H 11/00** (2013.01 - EP US)

Citation (examination)

- DE 102004016797 A1 20051027 - RIETER INGOLSTADT SPINNEREI [DE]
- DE 102007053467 A1 20090514 - OERLIKON TEXTILE GMBH & CO KG [DE]

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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