

Title (en)
OPEN-END ROTOR SPINNING DEVICE

Title (de)
OFFENEND-ROTORSPINNVORRICHTUNG

Title (fr)
DISPOSITIF DE FILATURE À ROTOR À BOUT LIBRE

Publication
EP 3599298 B1 20240515 (DE)

Application
EP 19187696 A 20190723

Priority
DE 102018117861 A 20180724

Abstract (en)
[origin: CN110777454A] The invention relates to an open-end rotor spinning device (3) with a spinning rotor (19) which can be driven by an individual electromotive drive (21), the rotor cup (17) of the spinning rotor rotates in a rotor housing (10) which is closed by a cover element (22) during the spinning process and is connected to a negative pressure source (23) via a pneumatic line (29). According to the invention, at least one pneumatic line (29) arranged between the rotor housing (10) and the negative pressure source (23) is positioned in the area of the individual electromotive drive (21) of the spinning rotor (19) in such a way that the spinning negative pressure initiated by the negative pressure source (23) cools the individual electromotive drive (21) of the spinning rotor (19) via a suction air flow present in the pneumatic line (29).

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D01H 1/16 (2006.01); **D01H 4/14** (2006.01)

CPC (source: CN EP)
D01H 4/14 (2013.01 - CN EP); **D01H 4/34** (2013.01 - CN); **D01H 1/16** (2013.01 - EP)

Citation (examination)

- DE 102005045420 A1 20070329 - RIETER INGOLSTADT SPINNEREI [DE]
- DE 102016117302 A1 20180315 - RIETER AG MASCHF [CH]

Cited by
CN113106558A

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AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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