

Title (en)
DRAWING FRAME UNIT

Title (de)
STRECKWERKEINHEIT

Title (fr)
UNITÉ DE BANC D'ÉTIRAGE

Publication
EP 3604646 B1 20231004 (DE)

Application
EP 19189534 A 20190801

Priority
DE 102018006100 A 20180803

Abstract (en)
[origin: MX2019009196A] A drafting system unit for a drafting system of a spinning machine. In a fiber band transport direction (R), the drafting system unit has a first top roller and a second top roller spaced apart therefrom, which are provided for drafting a fiber band, transported from the first to the second top roller, in cooperation with accordingly assigned bottom rollers, the respective axes of rotation of the first and second top roller extending transversely to the fiber band transport direction. The drafting system unit is characterized in that an apron cage to which negative pressure can be applied is arranged between the first top roller and the second top roller for guiding an air-permeable apron in circulation jointly around the apron cage and an apron top roller, the apron top roller being formed by the first top roller or by a third top roller that is assigned to the apron cage and arranged on the same side as the first and second top roller in relation to the fiber band being transported. The apron cage has at least one through-opening, to which negative pressure can be applied, for applying suction air to the fiber band running between the first and second top roller, through the air-permeable apron.

IPC 8 full level
D01H 5/86 (2006.01)

CPC (source: CN EP US)
D01H 5/26 (2013.01 - CN); **D01H 5/565** (2013.01 - US); **D01H 5/86** (2013.01 - EP US)

Citation (examination)
WO 0238842 A1 20020516 - RIETER AG MASCHF [CH]

Cited by
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