

Title (en)
REGULATING SECTION, METHOD FOR OPERATING A REGULATING SECTION AND METHOD FOR RETROFITTING A REGULATING SECTION

Title (de)
REGULIERSTRECKE, VERFAHREN ZUM BETREIBEN EINER REGULIERSTRECKE SOWIE VERFAHREN ZUM UMRÜSTEN EINER REGULIERSTRECKE

Title (fr)
SECTION DE RÉGULATION, PROCÉDÉ DE FONCTIONNEMENT D'UNE SECTION DE RÉGULATION AINSI QUE PROCÉDÉ DE RÉÉQUIPEMENT D'UNE SECTION DE RÉGULATION

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Application
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Abstract (en)
[origin: CN117328177A] The invention relates to an auto-leveling drawing frame (1), comprising: a drafting device (4) having several roller combinations (6, 6', 6'') arranged one behind the other for drafting a fibrous nonwoven fabric (7) to be processed; and a drive unit (8) for driving the several roller combinations (6, 6', 6''), the drive unit (8) comprising: a main motor (9) for driving at least one first roller combination (6'') at a main rotational speed at a constant rotational speed; and an adjustment motor (17) for adjusting the rotational speed of at least one second roller combination (6, 6'), the rotational speed of the second roller combination (6, 6') being variable by the adjustment from a basic rotational speed dependent on the main rotational speed to an adjustment rotational speed independent of the main rotational speed, and the draft amount of the fibrous nonwoven fabric (7) thus being settable. The auto-leveling drawing frame (1) according to the invention is characterized in that the adjusting motor (17) is designed to be driven independently of the main motor (9) and the second roller combination (6, 6') is driven independently of the main motor (9) at the adjusting rotational speed on the basis of an electrical signal (18) dependent on the main rotational speed. The invention further relates to a method for operating an auto-leveling drawing frame (1) and to a method for retrofitting an auto-leveling drawing frame (1).

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EP 2149628 A1 20100203 - RIETER INGOLSTADT GMBH [DE]

Citation (search report)
• [XY] JP H08120528 A 19960514 - TOYODA AUTOMATIC LOOM WORKS
• [YDA] EP 2149628 A1 20100203 - RIETER INGOLSTADT GMBH [DE]
• [Y] WO 9911847 A1 19990311 - RIETER AG MASCHF [CH], et al

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