

Title (en)
DRAW TEXTURING MACHINE

Title (de)
STRECKTEXTURIERUNGSMASCHINE

Title (fr)
MACHINE D'ÉTIRAGE-TEXTURATION

Publication
EP 3360991 B1 20201021 (EN)

Application
EP 18155074 A 20180205

Priority
JP 2017020971 A 20170208

Abstract (en)
[origin: EP3360991A1] Problems which may occur when false-twisting devices are driven by a single driving source are solved. A draw texturing machine 1 includes a plurality of false-twisting devices 15 each configured to twist different yarns Y1 and Y2 in opposite directions to each other. Each of the false-twisting devices 15 includes: a disc configured to rotate; a belt unit 32 provided close to a first surface of the disc and including a twister belt 53 configured to allow the yarn Y1 to be interposed between the disc and the twister belt 53; a belt unit 33 provided close to a second surface of the disc and including a twister belt 63 configured to allow the yarn Y2 to be interposed between the disc and the twister belt 63; and a common motor 71 configured to drive the twister belt 53 and the twister belt 63. The above arrangement allows each motor 71 to have a smaller size as compared with cases in which the false-twisting devices 15 are driven by a large common motor. As a result, noise and vibration are reduced. Furthermore, there is no necessity to provide an element for power transmission through which the false-twisting devices 15 are driven by a common motor, and therefore downsizing of the overall draw texturing machine 1 is possible and the ease of maintenance is improved.

IPC 8 full level
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CPC (source: CN EP KR)
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