

Title (en)

SEAMING MACHINES, ESPECIALLY FOR SEAMING DEWATERING AND DRY SCREENS, FELTS AND THE LIKE

Publication

EP 0289640 B1 19911002 (DE)

Application

EP 87106666 A 19870507

Priority

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Abstract (en)

[origin: EP0289640A1] 2.1 The object of the invention consists in optimising the functional reliability of the thread separator by so constructing the gripper needles that the frontmost thread of a warp thread concatenation of a fabric is reliably seized in isolation on each occasion and that any risk of piercing and gripping the successive thread is avoided. 2.2 It is proposed to design the gripper needles (4) so that they are constructed as sectioned needles which are provided with special hooks (6) (7) of which at least two are arranged to oppose each other in the same or parallel plane with respect to the upper and lower sides of the strip of fabric associated with the line of thread, the points (10) (11) of the gripper needles being directed towards the respectively opposite thread surface (12) and the concave recesses (14) (15) of the gripper needles shaped to conform to the diameter of the thread to be picked up on separation in such a way that piercing by the needle points of the thread to be separated and gripping of the successive thread are avoidable. <IMAGE>

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D21F 1/00

IPC 8 full level

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