

Title (en)
STRETCHER FOR THERMAL TREATMENT OF SHEET-LIKE MATERIALS IN THE WIDTH

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Application
EP 88103817 A 19880310

Priority
DE 3717774 A 19870526

Abstract (en)
1. Tensioning machine for the heat treatment of lengths of material which are guided widthways, in particular lengths of textile material, containing
a) a material inlet zone (3), a plurality of heat treatment zones (4 to 6) and a material outlet zone (7), all the zones being arranged in succession in the longitudinal direction of the tensioning machine (1), b) two tensioning chains (8, 9) which run continuously in the longitudinal direction of the tensioning machine through all the zones and are an oblique distance apart and on chain links (10) which are flexibly connected to one another bear holding elements (11) for gripping the two long edges of the lengths of material (2) to be treated, c) chain guide rails (12, 13) to support and guide the advancing and returning strands of the two tensioning chains, d) cooling air blowing arrangements (14, 15) which are associated with long sections of the chain guide rails at least in the region of the returning strand of the tensioning chain, characterised in that e) the cooling air blowing arrangements (14, 15) which are only arranged approximately on the length of the long sections of the chain guide rails (12, 13) which run inside the heat treatment zones (4, 5, 6), are constructed in such a way that these long sections of the chain guide rails are each enclosed at least in their outer regions (e.g. 13a) constructed for the returning strands of the tensioning chain in a sheet metal channel (16, 17) serving as a cooling air guide channel, and these channels also extend in the transverse direction at least above the chain guide rails (12, 13) and thus have an open connection to the interior of the appertaining heat treatment zones so that used cooling air is introduced into the heat treatment zones through the inner regions (e.g. 13b) of the chain guide rails (12, 13) associated with the advancing strands of the tensioning chain (e.g. 9a).

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