

Title (en)
AIR BOX OF A FINISHING MACHINE

Title (de)
LUFTKASTEN EINER AUSRÜSTUNGSMASCHINE

Title (fr)
CAISSON D'AIR D'UNE MACHINE D'ÉQUIPEMENT

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Application
EP 15808138 A 20151208

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Abstract (en)
[origin: WO2016119959A1] The invention relates to an air box of a finishing machine, wherein the air box has a housing that extends transversely over a textile web guided through the finishing machine, and the housing has two segments, of which a first, upper housing segment is arranged above the textile web and a second, lower housing segment arranged in alignment with the upper housing segment is arranged below the textile web, and air outlet nozzles and air suction openings are arranged above and below the textile web within the housing, wherein the air outlet nozzles discharge hot air and the air outlet nozzles are arranged so as to interact with the air suction openings, in such a way that a flow flowing through the textile web is achieved within the housing. According to the invention, a temperature heat-up zone is provided first in the running direction of the textile web, in which temperature heat-up zone air outlet nozzles and air suction openings effecting the flow are arranged, and a temperature holding zone is provided within the housing thereafter in the running direction of the textile web.

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