

Title (en)

WATER REMOVAL ELEMENT IN A PAPER MACHINE AND METHOD OF MANUFACTURING SUCH AN ELEMENT

Title (de)

ENTWÄSSERUNGSELEMENT IN EINER PAPIERMASCHINE UND VERFAHREN ZUR HERSTELLUNG EINES SOLCHEN ELEMENTS

Title (fr)

ELEMENT D'ELIMINATION DE L'EAU POUR MACHINE A PAPIER, ET SON PROCEDE DE FABRICATION

Publication

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Application

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Priority

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Abstract (en)

[origin: WO9605370A1] Paper and board machines require the use of fixed water removal elements adapted to squeegee the wire or press felt of the machine from the side opposite to the sheet side of the wire/felt, whereby water is removed from the wire/felt. The present invention relates to a water removal element comprising a body (1, 6) and a ceramic wear-resisting coat (5). The body (1, 6) comprises an elongated continuous section forming a bounded space into which a thermoset plastic compound fill (6) can be cast, and at least one surface suited to accommodate the adherence of said wear-resisting coat (5). The bounded interior space of the continuous section body is at least partially filled with said thermoset plastic compound fill (6) and said ceramic wear-resisting coat (5) is formed by a ceramic coat (5) applied by thermal spray-coating onto a surface of the continuous section body (1).

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