

Title (en)

A WEARING ELEMENT, SUCH AS A FOIL OR A COVER OF A SUCTIONBOX IN A PAPER MACHINE WIRE SECTION

Title (de)

VERSCHLEISSTEIL WIE EINE LEISTE ODER EINE ABDECKPLATTE FÜR SAUGKÄSTEN IN DER NASSPARTIE EINER PAPIERMASCHINE

Title (fr)

ELEMENT SUJET A USURE TEL QU'UNE RACLE OU LE COUVERCLE DE CAISSE ASPIRANTE DE LA PARTIE DE LA TOILE D'UNE MACHINE A PAPIER.

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Application

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Abstract (en)

[origin: WO9624717A1] The invention relates to an element susceptible to wear, such as a foil or a vacuum box cover for a paper machine. The element is according to the invention made of a pressed, extruded or rolled aluminium profile (24). The aluminium profile is preferably coated at least partly with a surface layer (30) containing chromium oxide, aluminium oxide, zirconium oxide, aluminium silicate or carbides. The surface layer is achieved by means of electrolytic plasma oxidation or thermic spray coating, such as plasma spray coating or detonation spray coating. The invention renders it possible to manufacture foils and vacuum box covers cost-effectively.

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