

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 SAUGKÄSTE IN DER NASSPARTIE EINER PAPIERMASCHINE

Title (fr)

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

Publication

EP 0817885 A1 19980114 (EN)

Application

EP 96901815 A 19960208

Priority

- FI 9600072 W 19960208
- FI 950559 A 19950209

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.

IPC 1-7

D21F 1/48

IPC 8 full level

D21F 1/38 (2006.01); **D21F 1/36** (2006.01); **D21F 1/48** (2006.01)

CPC (source: EP)

D21F 1/483 (2013.01)

Cited by

DE102020125250A1

Designated contracting state (EPC)

AT CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

WO 9624717 A1 19960815; AT E205901 T1 20011015; DE 69615351 D1 20011025; DE 69615351 T2 20020704; EP 0817885 A1 19980114; EP 0817885 B1 20010919; FI 950559 A0 19950209; FI 96437 B 19960315; FI 96437 C 19960625; JP H10513507 A 19981222

DOCDB simple family (application)

FI 9600072 W 19960208; AT 96901815 T 19960208; DE 69615351 T 19960208; EP 96901815 A 19960208; FI 950559 A 19950209; JP 52402296 A 19960208