

Title (en)
SURFACE-TREATED STEEL SHEET, ORGANIC-RESIN-COATED METAL CONTAINER, AND METHOD FOR PRODUCING SURFACE-TREATED STEEL SHEET

Title (de)
OBERFLÄCHENBEHANDELTES STAHLBLECH, MIT EINEM ORGANISCHEN HARZ BESCHICHTETER METALLBEHÄLTER UND VERFAHREN ZUR HERSTELLUNG DES OBERFLÄCHENBEHANDELTEN STAHLBLECHS

Title (fr)
TÔLE D'ACIER TRAITÉE EN SURFACE, CONTENEUR MÉTALLIQUE REVÊTU DE RÉSINE ORGANIQUE, ET PROCÉDÉ DE PRODUCTION DE TÔLE D'ACIER TRAITÉE EN SURFACE

Publication
EP 3085816 A4 20170823 (EN)

Application
EP 14872878 A 20141205

Priority
• JP 2013260930 A 20131218
• JP 2014082239 W 20141205

Abstract (en)
[origin: EP3085816A1] A surface-treated steel sheet and a process for its production. The surface-treated steel sheet has, on at least one surface of the steel sheet, a surface-treating layer that chiefly comprises zirconium and oxygen, and contains fluorine, the surface-treating layer containing an element of the Group II on the surface side thereof. The surface-treated steel sheet features excellent adhesion to the organic resin coating, excellent corrosion resistance, and can provide metal cans that feature excellent adhesion to the resin on the inner and outer surfaces of the cans and excellent resistance against the elution of fluorine.

IPC 8 full level
C25D 9/10 (2006.01); **C23C 22/62** (2006.01); **C23C 22/68** (2006.01); **C23C 28/00** (2006.01); **C25D 9/08** (2006.01); **C25D 11/00** (2006.01)

CPC (source: EP US)
C23C 22/62 (2013.01 - EP US); **C23C 22/68** (2013.01 - EP US); **C23C 22/82** (2013.01 - US); **C23C 28/00** (2013.01 - EP US); **C25D 3/54** (2013.01 - US); **C25D 5/48** (2013.01 - US); **C25D 7/00** (2013.01 - EP US); **C25D 9/10** (2013.01 - EP US)

Citation (search report)
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• [X] US 2013216714 A1 20130822 - SUZUKI TAKESHI [JP], et al
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• See references of WO 2015093318A1

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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3085816 A1 20161026; EP 3085816 A4 20170823; EP 3085816 B1 20200610; CN 105874107 A 20160817; CN 105874107 B 20181116; JP 2015117402 A 20150625; JP 6530885 B2 20190612; US 2016289843 A1 20161006; WO 2015093318 A1 20150625

DOCDB simple family (application)
EP 14872878 A 20141205; CN 201480069019 A 20141205; JP 2013260930 A 20131218; JP 2014082239 W 20141205; US 201415035940 A 20141205