Title (en)
STEEL SHEET FOR CONTAINERS

Title (de)
STAHLBLECH FÜR BEHÄLTER

Title (fr)
FEUILLE EN ACIER POUR CONTENANTS

Publication
EP 2006416 A1 20081224 (EN)

Application
EP 07740155 A 20070328

Priority
- JP 2007056717 W 20070328
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- JP 2007069262 A 20070316

Abstract (en)
A steel sheet for a container includes a Ni plating layer or a Fe-Ni alloy plating layer formed on a surface of the steel sheet, the Ni plating layer including Ni of 5 mg/m 2 #¼150 mg/m 2 , and the Fe-Ni alloy plating layer including Ni of 5 mg/m 2 #¼150 mg/m 2 , Sn plating layer of 300 mg/m 2 #¼3000 mg/m 2 being plated on the Ni plating layer or the Fe-Ni alloy plating layer, the Ni plating layer, or some or all of the Fe-Ni alloy plating layer and part of the Sn plating being alloyed and a Sn plating layer being partially left by a tin melting process, and two or more of a Zr film including the amount of Zr of 1 mg/m 2 #¼500 mg/m 2 , a phosphoric acid film including the amount of P of 0.1 mg/m 2 #¼100 mg/m 2 , and a phenol resin film including the amount of C of 0.1 mg/m 2 #¼100 mg/m 2 being formed on the alloyed Sn plating layer and the left Sn plating layer.

IPC 8 full level
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CPC (source: EP KR)
C23C 26/00 (2013.01 - EP); **C23C 28/00** (2013.01 - EP KR); **C23C 28/021** (2013.01 - EP); **C23C 28/023** (2013.01 - EP)

Cited by
EP2540867A4; US2013209830A1; US9738978B2; US9416460B2; US9528187B2; US9637826B2; US10392709B2

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