

Title (en)

STEEL PLATE FOR LAMINATED CONTAINER, AND METHOD FOR PRODUCING CAN USING THE SAME AND CAN

Title (de)

STAHLPLATTE FÜR LAMINIERTEN BEHÄLTER, VERFAHREN ZUR HERSTELLUNG EINER DOSE UND DOSE

Title (fr)

TOLE EN ACIER POUR CONTENANT FEUILLETE ET PROCEDE DE FABRICATION DE BOITE L'UTILISANT ET BOITE ASSOCIEE

Publication

**EP 1134305 A4 20080723 (EN)**

Application

**EP 00944342 A 20000707**

Priority

- JP 0004556 W 20000707
- JP 19405299 A 19990708

Abstract (en)

[origin: EP1134305A1] A steel sheet for a laminated container having excellent canning processability, characterized by having on at least one surface of said steel sheet, a surface-treatment layer containing one or more of Sn, Ni, Fe, Cr and hydrated Cr oxide, and thereon a coating made of an organic or inorganic-organic resin having a thickness within a range from 1 to 500 nm, is superior in canning processability and is also superior in film adhesion property, corrosion resistance and weldability. Particularly, a steel sheet for a laminated container, comprising on at least one surface of said steel sheet, in the order of increasing the distance from said steel sheet, a Ni-based plating layer containing Ni in an amount within a range from 5 to 500 mg/m<sup>2</sup> calculated in terms of the metallic Ni, a Sn-based alloy plating layer, and a dispersed metallic Sn plating layer in an amount within a range from 100 to 1500 mg/m<sup>2</sup>, and further thereon a coating made of phenol-based resin containing a phosphoric acid-based compound in an amount of not less than 0.1 mg/m<sup>2</sup> calculated in terms of P with a thickness of 1 - 500 nm. is useful for welding applications.  
<IMAGE>

IPC 1-7

**C23C 28/00**

IPC 8 full level

**B65D 6/14** (2006.01); **B65D 8/06** (2006.01); **C23C 28/00** (2006.01)

CPC (source: EP)

**C23C 28/00** (2013.01); **C23C 28/321** (2013.01); **C23C 28/345** (2013.01)

Citation (search report)

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