

Title (en)

STAINLESS STEEL SHEET COVERED WITH ALKALI-SOLUBLE PROTECTIVE COAT

Title (de)

MIT BASISCH LÖSLICHER SCHUTZSCHICHT BEDECKTES ROSTFREIES STAHLBLECH

Title (fr)

TOLE D'ACIER INOX REVETUE D'UNE COUCHE PROTECTRICE ALCALINO-SOLUBLE

Publication

**EP 0862993 A4 20030702 (EN)**

Application

**EP 96929542 A 19960906**

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- JP 9602533 W 19960906
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Abstract (en)

[origin: EP0862993A1] A stainless steel sheet having on its surface a protective film for protecting the surface of the stainless steel sheet when worked by pressing. The protective film is comprised of a lower-layer coating film and an upper-layer coating film which are successively formed on its surface, the former being formed of an epoxy-modified acrylic resin obtained by modifying an acrylic resin having an acid value of from 40 to 300 and a glass transition temperature of from 0 DEG C to 20 DEG C with an epoxy oligomer having a molecular weight of from 500 to 2,000, to a degree of from 3% by mass to 20% by mass, and the latter being formed of an acrylic resin having an acid value of from 40 to 300 and a glass transition temperature of from 40 DEG C to 80 DEG C; the upper- and lower-layer coating films having a total thickness of from 1  $\mu$  m to 20  $\mu$  m.

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IPC 8 full level

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