

Title (en)
PROCESS FOR SURFACE TREATMENT OF STAINLESS STEEL SHEET

Publication
EP 0045017 B1 19851016 (EN)

Application
EP 81105614 A 19810717

Priority

- JP 8595281 A 19810604
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- JP 11586580 A 19800825

Abstract (en)
[origin: EP0045017A1] A process for surface treatment of stainless steel sheets for excellent corrosion resistance and gloss is provided according to which a BA film or a passive film is formed on the stainless steel sheet; the sheet is dipped in a treatment solution containing 0.1 to 70% by weight of phosphoric acid, 0.1 to 10.0% by weight of a molybdate, chromic acid or a mixture thereof, and 0.1 to 2.0% by weight of magnesium oxide, sodium silicate or a mixture thereof; and cathodic treatment is carried out under the conditions of 1 to 600 A.sec/dm<2> integrated electric current density and 0 to 90 DEG C solution temperature.

IPC 1-7
C25D 9/10; C23C 22/42; C23C 22/43; C23F 11/18

IPC 8 full level
C25D 9/10 (2006.01)

CPC (source: EP)
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Citation (examination)
JP S5330434 A 19780322 - TOMONAGA TOYOHITO

Cited by
CN110904489A; US5607521A; WO9310278A1; WO0171067A3; TWI427159B

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