

Title (en)

ALKALINE STRIP PASSIVATION

Title (de)

ALKALISCHE BANDPASSIVIERUNG

Title (fr)

PASSIVATION ALCALINE DE BANDE

Publication

**EP 1002143 A1 20000524 (DE)**

Application

**EP 98942626 A 19980725**

Priority

- DE 19733972 A 19970806
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Abstract (en)

[origin: DE19733972A1] The invention relates to a method for the alkaline passivation of galvanised and alloy-galvanised steel surfaces and of aluminium in strip plants. According to the invention, the metal surfaces are brought into contact with an alkaline aqueous solution containing complexers and iron, said solution having a free alkalinity level of between 5 and 20 points and an overall alkalinity level of between 7 and 30 points and containing 0.1 to 1 g/l magnesium ions, 0.1 to 1 g/l iron (III) ions and 0.5 to 5 g/l amino or hydroxycarboxylate ions. A repassivation with or without chromium can then be carried out.

IPC 1-7 (main, further and additional classification)

**C23C 22/60; C23C 22/66; C23C 22/83**

IPC 8 full level (invention and additional information)

**C23C 22/62 (2006.01); C23C 22/66 (2006.01)**

CPC (invention and additional information)

**C23C 22/60 (2013.01); C23C 22/34 (2013.01); C23C 22/66 (2013.01); C23C 22/73 (2013.01); C23C 22/83 (2013.01)**

Citation (search report)

See references of WO 9907917A1

Cited by

DE102005045034A1; DE102012000414A1; WO2013104530A2

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