

Title (en)

IMPROVEMENT FOR PROCESSES FOR CONTINUOUS COATING OF METAL SURFACES WITH CHROMIUM METAL AND CHROMIUM OXIDE

Publication

**EP 0467858 A3 19930224 (EN)**

Application

**EP 91830288 A 19910627**

Priority

IT 4814990 A 19900717

Abstract (en)

[origin: EP0467858A2] The processes for coating metal surfaces with chromium metal and chromium oxide (Cr-CrOx) are improved by introducing a pretreatment consisting in at least one anodic pulse of brief duration applied to the metallic body to be coated immersed in the same chroming solution immediately prior to Cr-CrOx deposition. In this way it is possible to perform this type of coating also on surfaces consisting of aluminium or alloys thereof, which has hitherto been impossible. Moreover the improvement ensures uniform adherent coatings which provide a firm anchor for subsequent painting. Finally there is a marked upgrading in resistance to corrosion, especially that of the cosmetic type.

IPC 1-7

**C25D 11/38**

IPC 8 full level

**C25D 11/38** (2006.01)

CPC (source: EP)

**C25D 11/38** (2013.01)

Citation (search report)

- [X] EP 0250792 A1 19880107 - NIPPON STEEL CORP [JP]
- [X] GB 1221677 A 19710203 - MATTHEWS CYRIL GEORGE [US], et al
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Cited by

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**EP 0467858 A2 19920122; EP 0467858 A3 19930224**; IT 1241489 B 19940117; IT 9048149 A0 19900717; IT 9048149 A1 19920117

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