

Title (en)
PROCESS FOR METALLISING METALLIC ARTICLES BY MECHANICAL-CHEMICAL TREATMENT

Publication
EP 0251080 A3 19890705 (DE)

Application
EP 87108839 A 19870619

Priority
• DE 3620586 A 19860619
• EP 87105921 A 19870423

Abstract (en)
[origin: EP0251080A2] The articles are treated in a bath containing inert impingement bodies, by generating a relative motion between articles and impingement bodies or the bath, a promoter and the metal forming the coating being added to the bath and, in order to prevent dissolution of metals and hence evolution of hydrogen, acid being added at the latest before and/or during the addition of the metal forming the coating, using at least one water-soluble organic carboxylic acid or using a combination of at least one water-soluble organic carboxylic acid and/or salts thereof with at least one mineral acid, in such a quantity that the pH of the bath at the start of the application of metal is approximately in the range greater than 2.5-4.5 and, at the end thereof, is approximately in the range from 3 to 7.

IPC 1-7
C23C 18/16; **C23C 24/04**

IPC 8 full level
C23C 18/16 (2006.01); **C23C 24/04** (2006.01)

CPC (source: EP)
C23C 18/1683 (2013.01)

Citation (search report)
[XD] DE 1771816 A1 19720203 - MINNESOTA MINING & MFG

Cited by
US6673469B2; WO0100903A3

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