Title (en)
HOT DIP COATING PROCESS

Publication
EP 0037143 B1 19850320 (FR)

Application
EP 81200313 A 19810320

Priority
- BE 6047114 A 19800325
- BE 6047183 A 19800609
- BE 6047184 A 19800609

Abstract (en)
[origin: EP0037143A1] 1. Hot dip coating process for products of any shape made of killed, semi-killed or silicon steel in which the said products are dipped into an initial bath made up basically of zinc or a first zinc-aluminium alloy and then into a second bath comprising basically a second zinc-aluminium alloy, the aforementioned first and second baths being at different temperatures, and which is characterized by the fact that at least one of the baths of zinc-aluminium alloy has an aluminium content of between 3 % and 10 % and at least one of the elements Sb, Ce, Mg, La and Sn is added to it in an amount not exceeding 0.5 % by weight.

IPC 1-7
C23C 2/00; C23C 2/06

IPC 8 full level
C23C 2/00 (2006.01); **C23C 2/06** (2006.01); **C23C 2/12** (2006.01)

CPC (source: EP US)
C23C 2/00 (2013.01 - EP US); **C23C 2/06** (2013.01 - EP); **C23C 2/12** (2013.01 - EP)

Citation (examination)
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- FR 2093906 A1 19720204 - LYSAGHT LTD JOHN [AU]
- GB 1121548 A 19680731 - TREFILERIE ET CABLERIE DE BOUR
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- FR 2027888 A1 19701002 - INLAND STEEL CO
- US 3343930 A 19670926 - BORZILLO ANGELO R, et al
- US 3393089 A 19680716 - BORZILLO ANGELO R, et al
- US 3952120 A 19760420 - HORTON JAMES B, et al
- GB 337399 A 19301029 - AMERICAN ROLLING MILL CO

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Designated contracting state (EPC)
DE FR GB LU

DOCDB simple family (publication)
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