

Title (en)  
LIQUID FILM COATING OF IRON-BASED METALS

Publication  
**EP 0245862 B1 19910925 (EN)**

Application  
**EP 87107020 A 19870514**

Priority  
US 86344886 A 19860515

Abstract (en)  
[origin: EP0245862A1] In processes in which protective metal coating materials are applied to iron-based substrates in the form of liquid films which are then solidified by cooling, the metal coating can be contacted with a roll such as a tower roll, conveyor roll or guide roll, while the coating material is capable of transfer, by the use of a roll having an exterior ceramic barrier or surface having a thickness of at least about 20 microns whereby the surface of the coated substrate is not unduly adversely affected.

IPC 1-7  
**C23C 2/00**; **C23C 2/36**

IPC 8 full level  
**C23C 2/00** (2006.01); **C23C 30/00** (2006.01)

CPC (source: EP KR US)  
**C23C 2/00** (2013.01 - EP US); **C23C 2/00344** (2022.08 - EP KR US); **C23C 2/28** (2013.01 - KR); **C23C 30/00** (2013.01 - EP KR)

Citation (examination)  
• CA 1062877 A 19790925 - ALUSUISSE  
• JP H06137955 A 19940520 - FURUKAWA ELECTRIC CO LTD  
• EP 0158474 A2 19851016 - ALLEGHENY LUDLUM STEEL [US]  
• Römpps Chemie Lexikon, 8th edition, Vol. 2, p. 1495-1496(1981)

Cited by  
CN112218968A; EP0712939A3; CN108374138A; EP0492500A3; EP0698672A1; CN1062316C; DE102016218947A1

Designated contracting state (EPC)  
CH DE FR GB IT LI

DOCDB simple family (publication)  
**EP 0245862 A1 19871119**; **EP 0245862 B1 19910925**; CA 1302805 C 19920609; DE 3773256 D1 19911031; JP 2584627 B2 19970226; JP S6324049 A 19880201; KR 870011269 A 19871222; KR 920002008 B1 19920309

DOCDB simple family (application)  
**EP 87107020 A 19870514**; CA 536063 A 19870430; DE 3773256 T 19870514; JP 11605087 A 19870514; KR 870004833 A 19870514