

Publication

**EP 0712939 A3 19960529**

Application

**EP 95116671 A 19951023**

Priority

JP 25796794 A 19941024

Abstract (en)

[origin: EP0712939A2] A Pot roll for continuous hot-dip galvanizing used in a galvanizing bath, characterized by comprising a Pot roll surface having three spray coating layers composed of a alloy of high Co ratio or cermet of high ratio of said alloy as the first layer, a cermet containing a oxide, carbide or boride as the second layer and a ceramic of oxide group as the third layer.

IPC 1-7

**C23C 2/00**

IPC 8 full level

**C23C 2/00** (2006.01); **C23C 4/04** (2006.01); **C23C 28/00** (2006.01)

CPC (source: EP KR US)

**C23C 2/00** (2013.01 - EP US); **C23C 2/00344** (2022.08 - EP KR US); **C23C 4/10** (2013.01 - KR); **C23C 4/123** (2016.01 - KR); **C23C 28/321** (2013.01 - EP KR); **C23C 28/34** (2013.01 - EP); **C23C 28/345** (2013.01 - EP KR)

Citation (search report)

- [Y] EP 0245862 A1 19871119 - UNION CARBIDE CORP [US]
- [A] US 5070587 A 19911210 - NAKAHIRA AKIRA [JP], et al
- [A] DE 2820699 A1 19781116 - KAWASAKI STEEL CO [JP], et al
- [Y] PATENT ABSTRACTS OF JAPAN vol. 7, no. 19 (C - 147)<1164> 25 January 1983 (1983-01-25)
- [A] CHEMICAL ABSTRACTS, vol. 100, no. 26, 25 June 1984, Columbus, Ohio, US; abstract no. 213954j, NIPPON STEEL: "mechanical parts for hot-dip galvanizing bath" page 243; & JP H05925966 A
- [A] DATABASE WPI Derwent World Patents Index; AN 93-297954 c38
- [A] PATENT ABSTRACTS OF JAPAN vol. 4, no. 98 (C - 018) 15 July 1980 (1980-07-15)
- [A] PATENT ABSTRACTS OF JAPAN vol. 18, no. 448 (C - 1240) 22 August 1994 (1994-08-22)
- [A] PATENT ABSTRACTS OF JAPAN vol. 17, no. 200 (C - 1050) 20 April 1993 (1993-04-20)

Cited by

CN109072393A; RU2722554C2; WO2017186461A1

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**EP 0712939 A2 19960522; EP 0712939 A3 19960529**; JP 3312709 B2 20020812; JP H08120434 A 19960514; KR 100272298 B1 20001201; KR 960014382 A 19960522; TW 293850 B 19961221

DOCDB simple family (application)

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