

Title (en)

Hot dip zinc-aluminum alloy coating process.

Title (de)

Heisstauchbeschichtungsverfahren zum Aufbringen von Zink-Aluminium-Legierungen-Überzügen.

Title (fr)

Procédé de revêtement d'alliage du zinc-aluminium par immersion à chaud.

Publication

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Application

EP 92121339 A 19921215

Priority

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- JP 26700691 A 19910919
- JP 23371391 A 19910822

Abstract (en)

A hot dip zinc-aluminum alloy coating process is disclosed, which comprises the step coating a steel or iron materials by adding into a coating bath comprising 0.10 to 10 % by weight of aluminum, 1.5 to 10 % by weight of copper and the remainder consisting essentially of zinc by a direct immersion method which is simple and economical. The process enables the preparation of a highly corrosion-resistant hot dip zinc-aluminum alloy-coated material having a thick coated layer having a thickness of 30 μ m or more and also having a good appearance. <IMAGE>

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C23C 2/06

IPC 8 full level

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CPC (source: EP)

C23C 2/06 (2013.01)

Citation (search report)

- [X] DE 2146376 A1 19720330 - FREDERICA GALVANISERINGSANSTA
- [X] PATENT ABSTRACTS OF JAPAN vol. 6, no. 106 (C-108)(984) 16 June 1982 & JP-A-57 35 672 (NIPPON KOGYO) 26 February 1982
- [A] PATENT ABSTRACTS OF JAPAN vol. 5, no. 180 (C-79)(852) 19 November 1981 & JP-A-56 105 446 (MITSUBISHI KINZOKU) 21 August 1981

Cited by

EP1850031A1; WO2011011383A1; US9243315B2; EP3041971B2

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