

Title (en)

PROCESS AND APPARATUS FOR PRODUCING A ZINC PLATE OR STRIP LIGHTLY COATED ON ONE OR BOTH SIDES, AND PRODUCT OBTAINED BY THIS PROCESS

Publication

EP 0011547 B1 19820407 (FR)

Application

EP 79400828 A 19791106

Priority

- FR 7831663 A 19781109
- FR 7925090 A 19791009

Abstract (en)

[origin: US4291074A] In this process there is determined, as a function of the conditions of the environment or other conditions, the distance from the surface of the bath at which the temperature of the zinc coating on the sheet or strip is in the range in which the zinc passes through a liquid-solid transitory state which is characterized by its friability. There is exerted at this point a mechanical action on at least one of the sides of the sheet or strip so as to completely remove away the whole of the non-alloyed zinc and allow to remain only a thin iron-zinc alloy coating whose thickness is between 1 and 2 μm , which represents an amount of alloy of between 7 and 15 g/m².

IPC 1-7

C23C 1/02

IPC 8 full level

C23C 2/00 (2006.01); **C23C 2/26** (2006.01)

CPC (source: EP US)

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Cited by

FR2560218A1; EP0647725A1; EP0162989A1; EP0483810A3; EP2528279A2

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