

Title (en)

Method and apparatus for feeding a zinc ingot into a zinc bath of a galvanizing line.

Title (de)

Verfahren und Vorrichtung zum Beschicken eines Zinkingots in einer Zinkschmelze einer Verzinkungsanlage.

Title (fr)

Procédé et dispositif d'alimentation en lingots de zinc d'un pot de zinc d'une ligne de galvanisation.

Publication

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Application

EP 93401098 A 19930427

Priority

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Abstract (en)

Process for feeding a zinc pot (4) with ingots (6, 6'') withdrawn from a storage region by a handling device which comprises a clamp grasping one end (8', 8'') of the ingot (6', 6''), the ingots being brought above the zinc pot (4) and lowered slowly into the latter, characterised by the following operations: - a) the ingot (6') is delivered onto an inclined feeding table (2') whose bottom end (7, 7'') is above the zinc pot (4); - b) the ingot (6', 6'') is slid along the table; - c) when the ingot (6'') has been almost completely immersed in the zinc bath (5), a receptacle (21, 21') held in the zinc bath (5) in a resting position (21') is placed below the unmelted upper end (8'') of the ingot (6''); - d) the said upper end (8'') of the ingot is released; and - e) the said receptacle (21) moves back down into its resting position. <IMAGE>

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C23C 2/00; **F27D 3/00**

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CPC (source: EP US)

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Citation (search report)

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- [A] EP 0120776 A1 19841003 - DYNAMOLD INT [FR]
- [A] PATENT ABSTRACTS OF JAPAN vol. 12, no. 117 (C-487)(2964) 13 Avril 1988 & JP-A-62 238 358 (NIPPON KOKAN) 19 Octobre 1987

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