

Title (en)

Rolling die and method of producing coating rod using the same

Title (de)

Walzenstempel und Verfahren zur Herstellung einer Beschichtungsstange damit

Title (fr)

Moule de roulement et procédé de production d'une tige de revêtement l'utilisant

Publication

EP 2500119 A2 20120919 (EN)

Application

EP 12155935 A 20120217

Priority

- JP 2011055813 A 20110314
- JP 2011159090 A 20110720

Abstract (en)

A method of producing a coating rod (12) capable of eliminating a scratch and coating irregularities on a web is provided. The method includes the steps of: preparing a rod material (20); arranging paired rolling dies (120,130) each having a plurality of convex shapes formed on an outer perimeter surface, having a chamfer part (120a,130a), a parallel part (120b,130b), and a relief part (120c,130c) from an approaching side toward an exiting side of the rod material, and having a relief angle formed by a surface forming the relief part and a surface of the parallel part of 0.01° to 0.45°, so that the parallel parts face each other; inserting the rod material from a chamfer part side in a space interposed between the paired rolling dies; and forwarding the rod material to a relief part side by the paired rolling dies pressuring the rod material therebetween while rotating and performing a rolling process on a surface of the rod material.

IPC 8 full level

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