Title (en)

STRIP COATING METHOD FOR THE PRODUCTION OF A SEMI-FINISHED PRODUCT WITH A SURFACE STRUCTURE

Title (de)

BANDBESCHICHTUNGSVERFAHREN ZUR HERSTELLUNG EINES HALBZEUGS MIT EINER OBERFLÄCHENSTRUKTUR

Title (fr)

PROCEDE DE REVETEMENT DE BANDE DESTINE A LA FABRICATION D'UN SEMI-PRODUIT DOTE D'UNE STRUCTURE DE SURFACE

Publication

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Application

EP 15173796 A 20150625

Priority

DE 102014109548 A 20140708

Abstract (en)

[origin: RU2664065C2] FIELD: technological processes.SUBSTANCE: invention relates to a method for applying a coating onto strip metal for manufacturing a semi-finished product with a textured surface structure and can be used as a profiled sheet in facade works, when manufacturing garage doors or housings for household appliances. Said method of coating a strip metal for manufacturing a semi-finished product with a three-dimensional surface structure comprises at least one process step a – preparing a flat metal product and technological step b – application of structural coating and / or paint coating with three-dimensional shaping on the flat metal product. To create a structured texture of the coating and / or paint and varnish, a filtration coating application method is used. In the method, the production line for coating the strip of metal roll comprises at least a filtration coating application unit for the creation on a flat metal rolling a structured coating texture and / or a paint coating with three-dimensional shaping. Further, the installation of the filtration coating allows for the realization of the method for manufacturing a semi-finished product with a three-dimensional surface texture according to any of the preceding claims 1–12. And the semi-finished product includes a flat metal roll with a structural coating and / or paint coating applied using the method for applying a coating on a strip of rolled metal according to any one of the preceding claims 1–11.EFFECT: technical result of the invention is an increase in the reproducibility and variety of three-dimensional surface structures of semi-finished products.13 cl, 2 dwg

IPC 8 full level

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CPC (source: EP RU)

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Citation (opposition)

Opponent : voestalpine Stahl GmbH

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- "Handbuch der Printmedien", 2000, article H. KIPPHAN: "1 Grundlagen", pages: 138, 144 - 145, 430, XP055685706

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