

Title (en)

COATING METHOD FOR METALLIC SUBSTRATES, AND USE OF THE SO COATED OBJECTS

Publication

EP 0100992 A3 19860108 (DE)

Application

EP 83107590 A 19830802

Priority

DE 3229563 A 19820807

Abstract (en)

[origin: US4481239A] A process for coating metallic substrates in several stages with heat-hardenable synthetic resins having functional groups from the group comprising hydroxyl-containing polyesters, crosslinkable acrylate resins and epoxy resins, thermally stabilized ethylene copolymers and, if appropriate, polyolefins, in which, in the first stage, a powder mixture of these components is applied to a metallic substrate at a preheating temperature which is above the melting point of the (A) resins and which is adequate for their crosslinking, and, in the second stage, an olefin polymer layer is applied to the hot, coated substrate. The metallic substrates are pipes, large moldings, vessels and building elements, the coated pipes being advantageously used as pipelines for petroleum and natural gas.

IPC 1-7

B05D 1/36; **B05D 7/14**; **F16L 58/10**

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [A] US 3377183 A 19680409 - HURT JR WILLIAM C, et al
- [A] DE 3046263 A1 19820616 - BASF FARBEN & FASERN [DE]

Cited by

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DOCDB simple family (publication)

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