

Title (en)
COATING SURFACES

Publication
EP 0243068 A3 19880706 (EN)

Application
EP 87303247 A 19870414

Priority
• GB 8610212 A 19860425
• GB 8614336 A 19860612

Abstract (en)
[origin: EP0243068A2] Surfaces such as lead alloys, to which paint does not adhere well, have previously been shot blasted with an abrasive, cleaned and then coated with the pain or similar coating. It is now found that dry epoxy powder may be projected at high pressure at such surfaces and will form a conditioning layer to which paint will adhere well. The conditioning layer penetrates into the surface to form a mechanical bond. In one example, dry epoxy powder paint is projected by air at 5.5 bar pressure onto terne steel to condition it. This is followed by electrostatic coating with the same epoxy powder paint and heat treatment.

IPC 1-7
B05D 3/12

IPC 8 full level
B05D 1/12 (2006.01); **B05D 1/36** (2006.01)

CPC (source: EP)
B05D 1/12 (2013.01); **B05D 7/542** (2013.01); **B05D 1/06** (2013.01)

Citation (search report)
• [A] US 1999509 A 19350430 - MERRITT ERIESSON H
• [A] FR 1236947 A 19600722 - MANNESMANN AG
• [A] FR 1033423 A 19530710
• [A] FR 1058357 A 19540316 - UNION CARBIDE & CARBON CORP
• [A] US 4051275 A 19770927 - FORESTEK CLARENCE W

Designated contracting state (EPC)
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EP 0243068 A2 19871028; EP 0243068 A3 19880706; GB 2190858 A 19871202; GB 2190858 B 19891129; GB 8621060 D0 19861008

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