

Title (en)

Process and apparatus for coating a substrate with a heat resistant polymer

Title (de)

Verfahren und Vorrichtung zum Beschichten von Substraten mit hochtemperaturbeständigen Kunststoffen

Title (fr)

Procédé et appareil pour revêter un substrat avec un polymère résistant à la chaleur

Publication

EP 0532134 B1 19960110 (DE)

Application

EP 92250231 A 19920827

Priority

DE 4129120 A 19910902

Abstract (en)

[origin: EP0532134A1] A process for coating substrates with heat-resistant polymers is proposed, which polymers are applied by thermal spraying processes with high jet velocity. The polymer is introduced into the relatively cold jet region. As thermal spraying processes, high-velocity flame spraying or atmospheric, vacuum or inert gas plasma spraying processes, in each case modified for high jet velocity, can be used. <IMAGE>

IPC 1-7

B05B 7/16

IPC 8 full level

C07D 209/08 (2006.01); **B05B 7/16** (2006.01); **B05B 7/20** (2006.01); **B05B 7/22** (2006.01); **B05D 1/10** (2006.01); **C07D 209/42** (2006.01); **C23C 4/04** (2006.01); **B05D 7/00** (2006.01)

CPC (source: EP)

B05B 7/205 (2013.01); **B05B 7/226** (2013.01); **B05D 1/10** (2013.01); **C23C 4/04** (2013.01); **B05D 7/52** (2013.01); **B05D 2350/40** (2013.01); **B05D 2451/00** (2013.01); **B05D 2507/01** (2013.01); **B05D 2601/20** (2013.01)

Cited by

EP1063315A1; EP0939143A1; CN1327973C; EP1506816A1; CN104008947A; FR2854086A1; CN100384543C; EP0939142A1; EP0897019A1; US6051279A; EP1075877A3; EP2545998A1; US2010323118A1; CN106733283A; US6406756B1; US8692150B2; US8651394B2; WO0142525A3; WO03051521A3; WO03051528A3; WO2004097060A1; US6365274B1; US6682812B2

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0532134 A1 19930317; **EP 0532134 B1 19960110**; AT E132775 T1 19960115; DE 4129120 A1 19930304; DE 4129120 C2 19950105; DE 59204991 D1 19960222; JP H06510054 A 19941110

DOCDB simple family (application)

EP 92250231 A 19920827; AT 92250231 T 19920827; DE 4129120 A 19910902; DE 59204991 T 19920827; JP 50489393 A 19920824