

Title (en)

AUTODEPOSITING COATING COMPOSITION AND PROCESS AND COATED METAL ARTICLES THEREFROM

Title (de)

SELBSTABSCHIEDBARE BESCHICHTUNGSZUSAMMENSETZUNG, VERFAHREN SOWIE DAMIT BESCHICHTETE STAHLARTIKEL

Title (fr)

COMPOSITION ET PROCEDE DE REVETEMENT PAR AUTODEPOT ET ARTICLES EN METAL REVETUS AFFERENTS

Publication

EP 1268191 A4 20030212 (EN)

Application

EP 00989269 A 20001215

Priority

- JP 35825799 A 19991217
- US 0033996 W 20001215

Abstract (en)

[origin: WO0143966A1] A water-based autodepositing coating composition that contains dissolved and/or dispersed anionic polyester resin comprising the condensate of (a) a polyhydric alcohol component and (b) an acid component in addition to acid, and metal ions and/or other oxidizing agents provides a coating composition that can impart an excellent corrosion resistance, adherence, and heat resistance to metal surfaces when applied to the metal surfaces and dried into place thereon, preferably with the use of heat. A rinse is usually preferably interposed between the application of the auto-depositing composition and the drying operation.

IPC 1-7

B32B 15/08; **C08L 67/02**; **C23F 11/04**; **C23F 11/173**

IPC 8 full level

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CPC (source: EP)

C09D 167/00 (2013.01); **B05D 7/144** (2013.01)

Citation (search report)

- [X] WO 9936192 A1 19990722 - HENKEL CORP [US], et al
- [YX] WO 9704880 A1 19970213 - HENKEL CORP [US], et al
- [A] US 5852120 A 19981222 - BEDERKE KLAUS [DE], et al
- See references of WO 0143966A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

WO 0143966 A1 20010621; CA 2395072 A1 20010621; CN 1259152 C 20060614; CN 1300644 A 20010627; EP 1268191 A1 20030102; EP 1268191 A4 20030212; JP 2001172560 A 20010626; JP 3860693 B2 20061220

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