

Title (en)
ACRYLIC HYDROXY-EPOXYHIGH SOLIDS COATING COMPOSITIONS.

Title (de)
HYDROXY-EPOXY-AKRYLBESCHICHTUNGSZUSAMMENSETZUNGEN MIT HOHEM FESTSTOFFGEHALT.

Title (fr)
COMPOSITIONS HYDROXY-EPOXYDES ACRYLIQUES DE REVETEMENT A TENEUR EN SOLIDES ELEVEE.

Publication
EP 0115484 A4 19850411 (EN)

Application
EP 82903089 A 19820809

Priority
US 8201091 W 19820809

Abstract (en)
[origin: WO8400771A1] A thermosetting coating composition with excellent weatherability adapted for use as an automotive topcoat which upon curing forms a hard, glossy, durable coating. The coating composition, which reacts in situ during curing, is characterized in that the composition comprises a mixture of: (A) acrylic copolymer bearing pendant hydroxyl groups and having a number average molecular weight (Mn) of between about 1000-5000; (B) dicarboxylic acid anhydride comprising at least about 50 weight percent of alkyl hexahydrophthalic anhydride; (C) epoxy having one or more epoxide group per molecule and a molecular weight (Mn) of between about 130-1500; and (D) amine-aldehyde crosslinking agent.

IPC 1-7
C08L 63/00; **C08L 61/28**

IPC 8 full level
C08G 59/42 (2006.01); **C09D 163/00** (2006.01)

CPC (source: EP)
C08G 59/4215 (2013.01); **C09D 163/00** (2013.01)

C-Set (source: EP)
1. **C08L 63/00** + **C08L 33/14** + **C08L 61/20**
2. **C09D 163/00** + **C08L 2666/02**

Citation (search report)
• [A] US 4085260 A 19780418 - LABANA SANTOKH S, et al
• [XED] EP 0092624 A2 19831102 - FORD MOTOR CO [GB], et al

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
WO 8400771 A1 19840301; EP 0115484 A1 19840815; EP 0115484 A4 19850411

DOCDB simple family (application)
US 8201091 W 19820809; EP 82903089 A 19820809