

Title (en)  
BITUMEN AND FILLED RESIN EMULSION FOR ROAD SURFACING EMULSION

Title (de)  
EMULSION AUS BITUMEN MIT GEFÜLLTEM HARZ FÜR STRASSENBELAG

Title (fr)  
EMULSION DE BITUME ET DE RESINE CHARGEE POUR REVETEMENT ROUTIER

Publication  
**EP 1115793 A1 20010718 (FR)**

Application  
**EP 00949645 A 20000705**

Priority  
• FR 0001934 W 20000705  
• FR 9908658 A 19990705

Abstract (en)  
[origin: US6559206B1] The invention consists of a bitumen/resin composite emulsion for a road surface protection layer against the attacks of petroleum derivatives, realised by mixing a first emulsion comprising at least one resin with a second emulsion comprising a bituminous binder and a resin crosslinking agent. A pigmentary preparation and/or a load made of a filler or sand or a fine sand or their combinations, can be incorporated to the first emulsion, the second emulsion or into the composite emulsion resulting from the mixture of both emulsions. The loaded composite emulsion enables the realisation of thin film-type surface coatings made of one or several layers.

IPC 1-7  
**C08L 95/00**; **E01C 7/26**

IPC 8 full level  
**E01C 7/26** (2006.01); **C08K 3/36** (2006.01); **C08L 63/00** (2006.01); **C08L 95/00** (2006.01); **C08L 101/00** (2006.01); **C09D 195/00** (2006.01); **E01C 7/35** (2006.01)

CPC (source: EP US)  
**C08L 95/005** (2013.01 - EP US); **C09D 195/005** (2013.01 - EP US); **E01C 7/358** (2013.01 - EP US); **C08L 63/00** (2013.01 - EP US)

C-Set (source: EP US)  
1. **C08L 95/005 + C08L 2666/74**  
2. **C08L 95/005 + C08L 63/00**  
3. **C09D 195/005 + C08L 63/00**  
4. **C09D 195/005 + C08L 2666/74**

Citation (search report)  
See references of WO 0102491A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**US 6559206 B1 20030506**; AU 6293800 A 20010122; CA 2342713 A1 20010111; CZ 2001765 A3 20011114; EP 1115793 A1 20010718; FR 2796075 A1 20010112; FR 2796075 B1 20010921; HU P0104995 A2 20020429; HU P0104995 A3 20020528; JP 2003504446 A 20030204; PL 346420 A1 20020211; SK 2752001 A3 20011106; WO 0102491 A1 20010111

DOCDB simple family (application)  
**US 78639701 A 20010806**; AU 6293800 A 20000705; CA 2342713 A 20000705; CZ 2001765 A 20000705; EP 00949645 A 20000705; FR 0001934 W 20000705; FR 9908658 A 19990705; HU P0104995 A 20000705; JP 2001508271 A 20000705; PL 34642000 A 20000705; SK 2752001 A 20000705