

Title (en)
POLYMER STABILIZED BITUMEN GRANULATE

Title (de)
POLYMER-STABILISIERTES BITUMENGRANULAT

Title (fr)
GRANULES DE BITUME STABILISES PAR ADJONCTION DE POLYMERE

Publication
EP 0961812 A1 19991208 (EN)

Application
EP 98903960 A 19980218

Priority
• CA 9800122 W 19980218
• US 3820097 P 19970218

Abstract (en)
[origin: WO9837146A1] Granular asphalt compositions contain bitumen in an amount from about 45 % to about 80 % by wt. and crystalline and/or rigid polymer in an amount from about 15 % to about 50 % by wt., which composition has been stabilized or incorporated into the bitumen with synthetic rubber in an amount from about 3 % to about 25 % by wt. The bitumen used in the compositions may have a wide penetration range from soft to hard base and is the major component of the composition up to about 80 % by wt. The resulting compositions can be granulated and the granules stored over a considerable length of time without sticking together. The granules may be readily and rapidly dispersed in bitumen to dilute the polymer content while the polymer remains stably displaced in the bitumen. The granules are useful in varied applications, such as in paving, roofing and other construction industries, and may be transported to sites for ready use thereat.

IPC 1-7
C08L 95/00

IPC 8 full level
C08L 23/00 (2006.01); **C08L 25/04** (2006.01); **C08L 95/00** (2006.01)

CPC (source: EP KR)
C08L 21/00 (2013.01 - KR); **C08L 95/00** (2013.01 - EP KR); **C08L 101/00** (2013.01 - KR)

C-Set (source: EP)
1. **C08L 95/00** + **C08L 53/00**
2. **C08L 95/00** + **C08L 23/00**
3. **C08L 95/00** + **C08L 2666/02**

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

DOCDB simple family (publication)
WO 9837146 A1 19980827; AU 6201798 A 19980909; BR 9807421 A 20020115; CA 2281590 A1 19980827; CN 1252826 A 20000510; EP 0961812 A1 19991208; HU P0000539 A2 20000728; HU P0000539 A3 20000928; IL 131405 A0 20010128; JP 2000510193 A 20000808; KR 20000071224 A 20001125; PL 335164 A1 20000410

DOCDB simple family (application)
CA 9800122 W 19980218; AU 6201798 A 19980218; BR 9807421 A 19980218; CA 2281590 A 19980218; CN 98804273 A 19980218; EP 98903960 A 19980218; HU P0000539 A 19980218; IL 13140598 A 19980218; JP 53610898 A 19980218; KR 19997007515 A 19990818; PL 33516498 A 19980218