

Title (en)

BITUMINOUS COMPOSITIONS PREPARED WITH PROCESS TREATED VULCANIZED RUBBERS

Title (de)

BITUMINÖSE ZUSAMMENSETZUNGEN HERGESTELLT MIT IN-SITU BEHANDELTEN VULKANISIERTEN KAUTSCHUKEN

Title (fr)

COMPOSITIONS BITUMINEUSES PREPAREES A L'AIDE DE CAOUTCHOUC VULCANISES

Publication

**EP 1034220 A1 20000913 (EN)**

Application

**EP 98955291 A 19981120**

Priority

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- US 97496097 A 19971120

Abstract (en)

[origin: WO9927018A1] Stable rubberized bitumen concentrates are prepared by initially forming a mass comprising bitumen and crumb rubber particles in an amount of at least about 15 wt.% of the mass with the crumb rubber being swollen in-situ, and applying shear and temperature conditions to the mass to dissociate the vulcanizate network of the rubber particles and to incorporate the digested vulcanizate into the bitumen. The stable rubberized bitumen concentrate is stable against sedimentation of rubber particles both following storage of the concentrate at about 320 DEG F for 48 hours and dilution to a lower concentration in the ASTM solubility test.

IPC 1-7

**C08L 95/00**

IPC 8 full level

**C08L 21/00** (2006.01); **C08L 95/00** (2006.01)

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