

Title (en)

ELASTOMERIC MIXTURE WITH HIGH THERMAL CONDUCTIVITY

Title (de)

ELASTOMERMISCHUNG MIT HOHER WÄRMELEITFÄHIGKEIT

Title (fr)

MELANGE ELASTOMERE A HAUTE CONDUCTIBILITE THERMIQUE

Publication

EP 1173513 A1 20020123 (DE)

Application

EP 00988583 A 20001102

Priority

- DE 0003945 W 20001102
- DE 19953705 A 19991108

Abstract (en)

[origin: DE10054209A1] An EPM or EPDM elastomer composition (I) containing a thermally conductive component and useful for the production of tubing for solar collectors and heat exchanges comprises: (A) 50-100 pts. wt. rubber; (B) 50-150 pts.wt. thermally conductive material; (C) 5-40 pts.wt. carbon black pigment; (D) 2-15 pts. wt. calcium oxide; (E) 4-15 pts.wt. peroxide cross-linking agent; and (F) 1-15 pts.wt. activator.

IPC 1-7

C08L 23/00

IPC 8 full level

C08L 23/16 (2006.01); **F24S 10/70** (2018.01); **F28F 21/06** (2006.01); **C08L 23/08** (2006.01); **C08L 45/00** (2006.01)

CPC (source: EP US)

C08L 23/16 (2013.01 - EP US); **F24S 10/73** (2018.04 - EP US); **F28F 21/062** (2013.01 - EP US); **C08L 23/0815** (2013.01 - EP US); **C08L 45/00** (2013.01 - EP US); **F28F 2255/16** (2013.01 - EP US); **Y02E 10/44** (2013.01 - EP US)

Citation (search report)

See references of WO 0134698A1

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