

Title (en)
HIGH-CONCENTRATION CROSS-LINKING MASTERBATCHES

Title (de)
HOCHKONZENTRIERTE VERNETZUNGS-MASTERBATCHES

Title (fr)
MELANGES MAITRE DE RETICULATION HAUTEMENT CONCENTRES

Publication
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Application
EP 00982711 A 20000703

Priority

- EP 0006246 W 20000703
- JP 19263299 A 19990707

Abstract (en)
[origin: WO0104200A1] The invention relates to a cross-linking masterbatch comprises more than 40 % by weight of organic peroxide, a synthetic rubber, and a specific silica. More specifically, a highly concentrated cross-linking masterbatch is provided comprising from 40 to 70 % organic peroxide, a synthetic rubber such as EPM and/or EPDM, preferably having a propylene content of 45 % or more and a Mooney viscosity at 100 DEG C of 30 or more, and a wet-treated and/or dry-treated silica having a specific surface area of 150 m²/g or more or a porous silica having a pore volume of 1.4 ml/g or more.

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IPC 8 full level
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C-Set (source: EP)
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WO 0104200 A1 20010118; **WO 0104200 B1 20010315**; AU 2318901 A 20010130; BR 0012167 A 20020319; CA 2378297 A1 20010118; CN 1360614 A 20020724; CZ 200255 A3 20020515; EP 1194483 A1 20020410; JP 2001019773 A 20010123; JP 3633830 B2 20050330; KR 20020029066 A 20020417; MX PA02000243 A 20020702

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