

Title (en)

BRANCHED COPOLYMERS BASED ON UNSATURATED NITRILES AND ON CONJUGATED DIENES

Title (de)

VERZWEIGTE COPOLYMERE AUF BASIS VON UNGESÄTTIGTEN NITRILEN UND KONJUGIERTEN DIENEN

Title (fr)

COPOLYMERES RAMIFIES A BASE DE NITRILES INSATURES ET DE DIENES CONJUGUES

Publication

EP 1297037 A1 20030402 (DE)

Application

EP 01938236 A 20010525

Priority

- DE 10027768 A 20000607
- EP 0105970 W 20010525

Abstract (en)

[origin: DE10027768A1] Branched copolymers based on unsaturated nitriles and conjugated dienes show a bound unsaturated nitrile content of 15-50 wt.%, a Mooney viscosity of 15-150 (ML 1 + 4/100 deg C), a chain branching of 0-20 deg (DELTA delta B value) and a solubility of at least 85 wt.% in methyl ethyl ketone at 20 deg C. An Independent claim is also included for a method for the production of these copolymers by emulsion polymerization of the monomers in presence of a chain regulator, in which the regulator is added in at least two stages and conversion is at least 80%.

IPC 1-7

C08F 236/12; C08F 2/38; C08C 19/02

IPC 8 full level

C08C 19/02 (2006.01); **C08F 2/38** (2006.01); **C08F 236/12** (2006.01)

CPC (source: EP KR US)

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DE FR GB IT

DOCDB simple family (publication)

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