

Title (en)
PROCESS FOR PRODUCING MOULDING COMPOUNDS MODIFIED WITH ACRYLIC RUBBER AND MOULDING COMPOUNDS THUS OBTAINED

Title (de)
VERFAHREN ZUR HERSTELLUNG VON MIT ACRYLKAUTSCHUK MODIFIZIERTEN FORMMASSEN UND SO ERHÄLTICHE FORMMASSEN

Title (fr)
PROCEDE DE PRODUCTION DE MATIERES DE MOULAGE MODIFIEES A L'AIDE DE CAOUTCHOUC ACRYLIQUE ET MATIERES DE MOULAGE OBTENUES A L'AIDE DUDIT PROCEDE

Publication
EP 0894100 A1 19990203 (DE)

Application
EP 97918135 A 19970414

Priority
• DE 19614846 A 19960415
• EP 9701870 W 19970414

Abstract (en)
[origin: DE19614846A1] For the production of moulding compounds with good weather resistance, improved impact resistance and good creep properties, an elastomeric acrylic ester copolymer is produced which contains comonomers polymerised with chemically reactive groups. This copolymer is dissolved or macerated in monomers like styrene and acrylonitrile forming hard grafts. After the addition of monomers and/or polymers with chemically reactive groups and the possible addition of a chemically reactive cross-linking agent, the resultant monomer-copolymer mixture is subjected to graft polymerisation up to a conversion of over 15 wt. % of the monomers as a thermally or radically initiated polymerisation in substance or solution. The moulding compounds may be used as delustering agents for polymer mixtures.

IPC 1-7
C08F 265/04

IPC 8 full level
C08F 8/32 (2006.01); **C08F 265/04** (2006.01); **C08F 290/04** (2006.01); **C08L 51/00** (2006.01)

CPC (source: EP KR US)
C08F 8/32 (2013.01 - EP US); **C08F 265/04** (2013.01 - EP KR US); **C08F 290/04** (2013.01 - KR); **C08L 51/003** (2013.01 - EP US); **Y10S 525/902** (2013.01 - EP US)

Citation (search report)
See references of WO 9739039A1

Designated contracting state (EPC)
BE DE ES FR GB IT NL

DOCDB simple family (publication)
DE 19614846 A1 19971016; EP 0894100 A1 19990203; KR 20000005462 A 20000125; US 6051656 A 20000418; WO 9739039 A1 19971023

DOCDB simple family (application)
DE 19614846 A 19960415; EP 9701870 W 19970414; EP 97918135 A 19970414; KR 19980708232 A 19981014; US 15590398 A 19981008