

Title (en)
METHOD FOR POLYMERIZING CONJUGATED DIOLEFINS (DIENES) WITH RARE EARTH CATALYSTS IN THE PRESENCE OF VINYLAROMATIC SOLVENTS

Title (de)
VERFAHREN ZUR POLYMERISATION VON KONJUGIERTEN DIOLEFINEN (DIENEN) MIT KATALYSATOREN DER SELTENEN ERDEN IN GEGENWART VINYLAROMATISCHER LÖSUNGSMITTEL

Title (fr)
PROCEDE DE POLYMERISATION DE DIOLEFINES CONJUGUEES (DIENES), AU MOYEN DE CATALYSEURS AUX TERRES RARES, EN PRESENCE DE SOLVANTS VINyliques AROMATIQUES

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Application
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Abstract (en)
[origin: DE19832446A1] Conjugated dienes are copolymerized with vinyl-aromatic compounds in the presence of catalysts containing: (a) rare earth metal compound(s), (b) cyclopentadienyl compound(s) and (c) organoaluminum compound(s), (or (a) and (c) only). Conjugated dienes are copolymerized with vinyl-aromatic compounds (VAC) at -30 to +100 deg C in the presence of VAC using catalysts containing: (a) rare earth metal compound(s), (b) (optional) cyclopentadienyl compound(s) and (c) organoaluminum compound(s), The mole ratio of a:b:c is 1:(0.01-1.99):(0.1-1000) or (a:c) is 1:(0.1-1000). 1 micromole to 10 mmoles (a) and 50-2000 g VAC are used per 100 g diene.

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