

Title (en)

METHOD FOR POLYMERIZING CONJUGATED DIOLEFINS (DIENES) WITH CATALYSTS BASED ON COBALT COMPOUNDS IN THE PRESENCE OF VINYLAROMATIC SOLVENTS

Title (de)

VERFAHREN ZUR POLYMERISATION VON KONJUGIERTEN DIOLEFINEN (DIENEN) MIT KATALYSATOREN AUF DER BASIS VON COBALT-VERBINDUNGEN IN GEGENWART VINYLAROMATISCHER LÖSUNGSMITTEL

Title (fr)

PROCEDE DE POLYMERISATION DE DIOLEFINES CONJUGUEES (DIENES) AVEC DES CATALYSEURS A BASE DE COMPOSES COBALT EN PRESENCE DE SOLVANTS VINYLAROMATIQUES

Publication

EP 1115763 A1 20010718 (DE)

Application

EP 99932843 A 19990707

Priority

- DE 19832455 A 19980718
- EP 9904748 W 19990707

Abstract (en)

[origin: DE19832455A1] Conjugated dienes are polymerized at -30 to 80 deg C in the presence of: (A) catalysts comprising: (a) cobalt compounds; (b) organoaluminum compounds; and (c) modifiers; and (B) aromatic vinyl compounds (AVC), using 1 micromole to 10 mmoles component (a) and 10-2000 g AVC per 100 g monomer used. The catalyst components are used in a mole ratio (a):(b):(c) of 1:(10-1000):(0.1).

IPC 1-7

C08F 36/04; **C08F 4/70**; **C08F 279/02**

IPC 8 full level

C08F 2/44 (2006.01); **C08F 4/602** (2006.01); **C08F 4/70** (2006.01); **C08F 12/00** (2006.01); **C08F 36/04** (2006.01); **C08F 136/04** (2006.01); **C08F 136/06** (2006.01); **C08F 136/08** (2006.01); **C08F 279/02** (2006.01)

CPC (source: EP KR US)

C08F 36/04 (2013.01 - EP KR US)

Citation (search report)

See references of WO 0004064A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

DE 19832455 A1 20000127; AU 4908499 A 20000207; CA 2337768 A1 20000127; CN 1309672 A 20010822; EP 1115763 A1 20010718; HK 1039953 A1 20020517; JP 2002520455 A 20020709; KR 20010070979 A 20010728; RU 2001104873 A 20030620; TW 486491 B 20020511; US 6310151 B1 20011030; WO 0004064 A1 20000127

DOCDB simple family (application)

DE 19832455 A 19980718; AU 4908499 A 19990707; CA 2337768 A 19990707; CN 99808814 A 19990707; EP 9904748 W 19990707; EP 99932843 A 19990707; HK 02101290 A 20020221; JP 2000560169 A 19990707; KR 20017000738 A 20010117; RU 2001104873 A 19990707; TW 88111343 A 19990705; US 74363001 A 20010112