

Title (en)
ORGANOMAGNESIUM SYNTHESIS AGENT

Title (de)
MAGNESIUMORGANISCHES SYNTHESMITTEL

Title (fr)
AGENT DE SYNTHÈSE MAGNÉSIUM ORGANIQUE

Publication
EP 1994037 A1 20081126 (DE)

Application
EP 07712440 A 20070305

Priority
• EP 2007052049 W 20070305
• DE 102006010410 A 20060303

Abstract (en)
[origin: DE102007010953A1] Magnesium organic synthesis agent (A) comprises a solvent with at least an oxygen donor compound (I); and at least a magnesium organic compound (II) excluding benzyl compound (III) and propen-3-yl compound (IV). Magnesium organic synthesis agent (A) comprises a solvent with at least an oxygen donor compound of formula (I); and at least a magnesium organic compound (II) of formula (R-MgX) or (R-Mg-R) excluding benzyl-MgX compound of formula (III) and propen-3-yl-MgX compound (IV) of formula (R 3>2C=C(R 3>)-CR 3>2-MgX). R 1>, R 2>H, optionally functionalized 1-20C-(cyclo)alkyl- or -(cyclo)alkyloxy, 1-12C-(het)aryl or -aryloxy; R : optionally functionalized 1-20C-(halo)alkyl, -alkoxy-, 2-20C-haloalkoxy, 2-20C-alkenyl, 2-20C-alkynyl, 3-8C-cycloalkyl and/or optionally functionalized 3-12C- phenyl, -phenoxy, - (het)aryl, where the halo is F or Cl; X : F, Cl, Br, I, triflate and/or tosylate; and R 3>H, F, Cl, 1-8C-(halo)alkyl, 1-8C(halo)-alkoxy, 2-6C-alkenyl, 5-6C-cycloalkyl, trimethylsilyl, phenyl and/or phenoxy. Provided that: when R 1>is H, then R 2>is not H. An independent claim is included for a method for the preparation of (A) comprising preparing and dispersing magnesium in a solvent, activating the magnesium and adding a compound (V) of formula (R-X). [Image].

IPC 8 full level
C07F 3/02 (2006.01); **C07B 49/00** (2006.01)

CPC (source: EP US)
C07B 37/04 (2013.01 - EP US); **C07B 49/00** (2013.01 - EP US); **C07F 3/02** (2013.01 - EP US)

Citation (search report)
See references of WO 2007099173A1

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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 102007010953 A1 20070906; CN 101443337 A 20090527; EP 1994037 A1 20081126; US 2009173914 A1 20090709; US 9534001 B2 20170103; WO 2007099173 A1 20070907

DOCDB simple family (application)
DE 102007010953 A 20070305; CN 200780007635 A 20070305; EP 07712440 A 20070305; EP 2007052049 W 20070305; US 27972407 A 20070305