

Title (en)
NEW DIPALLADAPHOSPHACYCLOBUTANES AND A PROCESS FOR PREPARING THE SAME

Title (de)
NEUE PALLADAPHOSPHACYCLOBUTANE SOWIE EIN VERFAHREN ZU IHRER HERSTELLUNG

Title (fr)
NOUVEAUX PALLADAPHOSPHACYCLOBUTANES ET LEUR PROCEDE DE PREPARATION

Publication
EP 0938490 A1 19990901 (DE)

Application
EP 97950184 A 19971113

Priority
• DE 19647584 A 19961118
• EP 9706327 W 19971113

Abstract (en)
[origin: DE19647584A1] Palladaphosphacyclobutanes are disclosed having the formula (I), in which R<1>, R<2> independently represent hydrogen, (C1-C4)-alkyl, (C3-C12)-cycloalkyl, (C1-C4)-alkoxy, fluorine, N(alkyl)2-C(C1-C4-alkyl, OCO-alkyl-(C1-C4) or aryl; R<3>, R<4>, R<5>, R<6> independently represent (C1-C8)-alkyl, (C3-C12)-cycloalkyl or aryl; or in which R<1> and R<2>, R<1> or R<2> and R<3> or R<4>, R<3> and R<4>, R<3> or R<4> and R<5> or R<6>, or R<5> and R<6> form together an aliphatic ring; or in which R<5> and R<6>, R<3> or R<4> and R<5> or R<6> form together an aromatic ring; and Y stands for an anion of an inorganic or organic acid, except for the compounds di- mu -chloro-bis[2-bis(1,1-dimethylethyl)phosphino]-2-methylpropyl-C,P]dipalladium (II), di- mu -bromo-bis[2-bis(1,1-dimethylethyl)phosphino]-2-methylpropyl-C,P]dipalladium (II), di- mu -trifluoroacetato-bis[2-bis(1,1-dimethylethyl)phosphino]-2-methylpropyl-C,P]dipalladium (II), di- mu -chloro-bis[2-[(1,1-dimethylethyl)phenylphosphino]-2-methylpropyl-C,P] dipalladium (II), mu -chloro- mu -methoxy-bis[2-bis(1,1-dimethylethyl)phosphino]-2-methylpropyl-C,P]di palladium (II).

IPC 1-7
C07F 15/00

IPC 8 full level
B01J 31/24 (2006.01); **C07F 15/00** (2006.01)

CPC (source: EP US)
B01J 31/24 (2013.01 - EP US); **B01J 31/2404** (2013.01 - EP US); **B01J 31/2423** (2013.01 - EP US); **B01J 31/2447** (2013.01 - EP US); **C07F 15/006** (2013.01 - EP US); **B01J 2231/4261** (2013.01 - EP US); **B01J 2531/0205** (2013.01 - EP US); **B01J 2531/824** (2013.01 - EP US); **B01J 2540/225** (2013.01 - EP US)

Citation (search report)
See references of WO 9822485A1

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

DOCDB simple family (publication)
DE 19647584 A1 19980520; EP 0938490 A1 19990901; JP 2001510458 A 20010731; US 6084114 A 20000704; WO 9822485 A1 19980528

DOCDB simple family (application)
DE 19647584 A 19961118; EP 9706327 W 19971113; EP 97950184 A 19971113; JP 52317598 A 19971113; US 30825999 A 19990719