

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)

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