

Title (en)
IMMOBILISED IMIDAZOLES AND RUTHENIUM CATALYSTS

Title (de)
IMMOBILISIERTE IMMIDAZOLE UND RUTHENIUM-KATALYSATOREN

Title (fr)
IMIDAZOLES ET CATALYSEURS RUTHENIUM IMMOBILISES

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Abstract (en)
[origin: WO2005016524A2] The invention relates to a method for the production of N,N-disubstituted imidazolium salts, N-heterocyclic carbene ligands and ruthenium catalysts with N-heterocyclic carbene ligands, in other words, compounds of general formulae (I) and (II), compounds of general formulae (III) and (IV) and compounds of general formulae (V) and (VI), (I - VI), immobilised on inorganic oxide supports. The invention further relates to the use of the immobilised compounds of general formulae (I - IV) in organic, metalloorganic or transition metal catalysed synthesis and the use of the compounds of general formulae (V) and (VI) as catalysts in organic and metalloorganic synthesis, in particular for C-C coupling reactions as in olefin metathesis.

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