

Title (en)

ASYMMETRIC CATALYSIS BASED ON CHIRAL PHOSPHOLANES

Title (de)

ASYMMETRISCHE KATALYSIS MIT HILFE VON CHIRALEN PHOSPHOLANEN

Title (fr)

CATALYSE ASYMETRIQUE REPOSANT SUR DES PHOSPHOLANES A STRUCTURE CHIRALE

Publication

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Application

EP 99941237 A 19990820

Priority

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- US 37706599 A 19990819

Abstract (en)

[origin: WO0011008A1] Chiral phosphine ligands derived from chiral natural products including D-mannitol and tartaric acid. The ligands contain one or more 5-membered phospholane rings with multiple chiral centers, and provide high stereoselectivity in asymmetric reactions.

IPC 1-7

C07F 9/6568; **B01J 31/24**; **C07B 53/00**; **C07F 17/02**; **C07F 9/6571**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 0011008A1

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