

Title (en)

CATALYST SYSTEM AND PROCESS FOR THE PREPARATION OF COPOLYMERS OF CARBON MONOXIDE AND OLEFINICALLY UNSATURATED COMPOUNDS

Title (de)

KATALYSATORSYSTEM UND VERFAHREN ZUR HERSTELLUNG VON COPOLYMEREN AUS KOHLENMONOXID UND OLEFINISCH UNGESÄTTIGTEN VERBINDUNGEN

Title (fr)

SYSTEME DE CATALYSEUR ET PROCEDE DE PREPARATION DE COPOLYMERS DE MONOXYDE DE CARBONE ET DE COMPOSES OLEFINIQUEMENT INSATURES

Publication

**EP 0757700 A1 19970212 (EN)**

Application

**EP 95918624 A 19950428**

Priority

- EP 95918624 A 19950428
- EP 9501678 W 19950428
- EP 94201202 A 19940429

Abstract (en)

[origin: WO9529946A1] A catalyst system suitable for the copolymerization of carbon monoxide with an ethylenically unsaturated compound which catalyst system is based on (a) a source of palladium cations, and (b) a bidentate ligand of the general formula  $R<1>R<2>P-CH_2-CH_2-PR<3>R<4>$  wherein  $R<1>$  represents a phenyl group substituted with a polar group at one or both ortho-positions and/or the para-position with respect to the phosphorus atom to which the said phenyl group is linked, and  $R<2>$ ,  $R<3>$  and  $R<4>$  independently represent a substituted or non-substituted hydrocarbyl group; and a process for the preparation of copolymers of carbon monoxide and an ethylenically unsaturated compound by reacting the monomers in the presence of said catalyst system.

IPC 1-7

**C08G 67/02**

IPC 8 full level

**C08G 67/02** (2006.01)

CPC (source: EP)

**C08G 67/02** (2013.01)

Citation (examination)

- EP 0314309 A2 19890503 - BRITISH PETROLEUM CO PLC [GB]
- EP 0248483 A2 19871209 - SHELL INT RESEARCH [NL]
- US 5010170 A 19910423 - ROSENBRAND GERRIT G [NL], et al
- See also references of WO 9529946A1

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