

Title (en)  
PROCESS FOR THE PREPARATION OF COPOLYMERS OF CARBON MONOXIDE AND OLEFINICALLY UNSATURATED COMPOUNDS

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON COPOLYMEREN AUS KOHLENMONOXID UND OLEFINISCH UNGESÄTTIGTEN VERBINDUNGEN

Title (fr)  
PROCEDE DE PREPARATION DE COPOLYMERES DE MONOXYDE DE CARBONE ET DE COMPOSES INSATURES OLEFINIQUEMENT

Publication  
**EP 1177240 A1 20020206 (EN)**

Application  
**EP 00935001 A 20000504**

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Abstract (en)  
[origin: WO0068296A1] A copolymerization process for copolymerising carbon monoxide and an olefin employs a catalyst comprising a Group VIII metal, for example palladium, and a bidentate ligand having general formula  $R<1>R<2>M<1>-R-M<2>R<3>R<4>$  where R represents a bridging group, M<1> and R<2> represent nitrogen, arsenic, antimony or, preferably phosphorus, and R<1>, R<2>, R<3> and R<4> preferably represent phenyl groups each having an alkoxy substituent and a sulphonyl substituent -SO<sub>2</sub>-OH or a salt or ester derivative. Such catalysts afford good reaction rates and good recycling properties.

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IPC 8 full level  
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