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(71) Applicant (for all designated States except US): **SHELL
INTERNATIONALE RESEARCH MAATSCHAPPIJ
B.V.** [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR
The Hague (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **DRENT, Eit**
[NL/NL]; Badhuisweg 3, NL-1031 CM Amsterdam (NL).
ERNST, René [NL/NL]; Badhuisweg 3, NL-1031 CM
Amsterdam (NL).

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(54) Title: CARBONYLATION OF EPOXIDES

(57) Abstract: The present invention pertains to a process for the carbonylation of an epoxide by reacting it with carbon monoxide in the presence of a catalyst system containing two components, wherein the first component is a source of one or more metals selected from the group consisting of cobalt, ruthenium and rhodium, and the second component is a coordination complex of a tetrapyrrole compound with one or more of the metals belonging to the group consisting of groups IIIA and IIIB of the periodic system, lanthanides and actinides. The present invention also pertains a process for the preparation of catalyst system, and to the use of such catalyst system for the carbonylation of epoxides.



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