

A B S T R A C T

CATALYST COMPOSITIONS

Novel catalyst compositions based on:

- a) a Group VIII metal compound,
- b) a Lewis acid of the general formula MF_n , in which M represents an element that can form a Lewis acid with fluorine, F represents fluorine and n has the value 3 or 5, and
- c) a dentate ligand containing at least two phosphorus-, nitrogen- or sulphur-containing dentate groups through which the dentate ligand can complex with the Group VIII metal.

They are suitable for use in the preparation of polymers of carbon monoxide with one or more olefinically unsaturated compounds.