

DOUBLE-METAL CYANIDE CATALYSTS
FOR PREPARING POLYETHER POLYOLS

ABSTRACT OF THE DISCLOSURE



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The invention is directed to a double-metal cyanide catalyst for the preparation of a polyether polyol by the polyaddition of an alkylene oxide on to a starter compound containing active hydrogen atoms, wherein the DMC catalyst comprises a) at least one double-metal cyanide compound; b) at least one organic complexing ligand which is not a polyether, a bile acid, a bile acid salt, a bile acid ester or a bile acid amide; c) at least one polyether; and d) at least one bile acid, bile acid salt, bile acid ester or bile acid amide. The catalyst of the present invention has increased activity in the preparation of a polyether polyol.