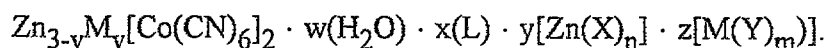


NEW ZINC/METAL HEXACYANOCOBALTATE COMPLEX COMPOSITIONS, A PROCESS FOR THEIR PREPARATION, AND THEIR USE IN A PROCESS FOR THE PRODUCTION OF POLYETHER POLYOLS

ABSTRACT OF THE DISCLOSURE

The invention relates to novel zinc/metal hexacyanocobaltate complex compounds corresponding to the formula:



These complex compounds are suitable catalysts. This invention also relates to a process for the production of the compounds, and to the use of the compounds in a process for the production of polyether polyols.

These novel zinc/metal hexacyanocobaltate complex compounds when used as catalysts in a process for the production of polyether polyols substantially reduce the induction period of the polyaddition reaction of alkylene oxides to starter compounds containing hydrogen atoms. Furthermore, the resultant polyether polyols have a significantly narrower molecular weight distribution.