

**DOUBLE METAL CYANIDE-CATALYZED, LOW UNSATURATION
POLYETHERS FROM BORON-CONTAINING STARTERS**

Abstract

The present invention provides a process for the double metal cyanide (DMC)-catalyzed production of low unsaturation polyethers from boron-containing starters. The polyethers produced by the inventive process may be reacted with one or more isocyanates to provide polyurethane products including coatings, adhesives, sealants, elastomers, foams and the like. The inventive process may be used to prepare fuel additives from C₉ – C₃₀ boron-containing polyethers, more particularly from C₁₃ alcohols.

Fig 1