

Title (en)
PROCESS FOR THE POLYMERIZATION OF ETHYLENE AND A SMALL AMOUNT OF A DIENE

Title (de)
VERFAHREN ZUR POLYMERISATION VON ETHYLEN MIT EINER KLEINEN MENGE EINES DIEN

Title (fr)
PROCEDE DE POLYMERISATION D'ETHYLENE UTILISANT UNE PETITE QUANTITE DE DIENE

Publication
EP 1263816 A1 20021211 (EN)

Application
EP 01905317 A 20010131

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Abstract (en)
[origin: WO0162808A1] Disclosed is a polymerization process utilizing a low level of diene to control the polymer product's melt index ratio independently of the melt index and density. The process of the invention produces polymers with enhanced processability. More specifically the process produces ethylene based polymers, prepared in gas phase polymerization processes utilizing bulky ligand metallocene polymerization catalysts, having enhanced melt strength and shear-thinning behaviour.

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