

**CATALYST COMPONENT FOR ETHYLENICALLY UNSATURATED MONOMER
POLYMERIZATION, CATALYST FOR ETHYLENICALLY UNSATURATED
MONOMER POLYMERIZATION, AND PROCESS FOR ETHYLENICALLY
UNSATURATED MONOMER POLYMERIZATION USING SAID CATALYST**

ABSTRACT

The invention relates to a catalyst component which can provide, in combination with a transition metal compound, a catalyst for ethylenically unsaturated monomer polymerization, a catalyst comprising the
5 catalyst component and a transition metal compound, and a process for ethylenically unsaturated monomer polymerization using the catalyst. The catalyst component comprises a compound obtained by the reaction
10 of, in any order, (i) a compound comprising a metal of Group 13 of the periodic table; (ii) a compound capable of reacting with the compound (i) to be bonded to two or more of the Group 13 metal; (iii) a compound capable of reacting the compound (i); and optionally (iv) a
15 hydrocarbon compound or the like.

FIGURE 1