

Title (en)

METHOD FOR OLIGOMERIZATION OF OLEFINS AND OLEFIN MIXTURES.

Title (de)

VERFAHREN ZUR OLIGOMERISIERUNG VON OLEFINEN UND OLEFINMISCHUNGEN.

Title (fr)

PROCEDE D'OLIGOMERISATION D'OLEFINES ET DE MELANGES D'OLEFINES.

Publication

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Application

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Priority

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Abstract (en)

[origin: WO9415895A1] The invention relates to the oligomerization of olefins or olefin mixtures, in particular long-chain hydrocarbon mixtures containing 6-20 carbon atoms or butenes, or mixtures of these said olefins, by means of a BF₃/cocatalyst complex, the cocatalyst being water, a C₂-C₁₀ monoalcohol or a C₂-C₁₀ monocarboxylic acid. Examples of especially preferred cocatalysts are pentanol and n-valeric acid. BF₃ is fed in gaseous state into the oligomerization reactor, and the reactor is pressurized thereby. In case a monomer mixture is oligomerized, the product is a true co-oligomer and it also contains double bonds which increase product reactivity, needed when the oligomer is used as an intermediate.

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