

Title (en)
METHOD FOR POLYMERISING AND COPOLYMERISING ETHYLENE

Title (de)
VERFAHREN ZUR POLYMERISATION UND COPOLYMERISATION VON ETHYLEN

Title (fr)
PROCEDE DE POLYMERISATION ET DE COPOLYMERISATION D'ETHYLENE

Publication
EP 1090044 A1 20010411 (DE)

Application
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Priority
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Abstract (en)
[origin: DE19818216A1] A process for the polymerization of ethylene, optionally with vinyl unsaturated monomers is carried out in the presence of 0.01-2.0 wt.% of a non-polymerizable carboxylic acid. A process for the polymerization of ethylene or copolymerization of ethylene with vinylic unsaturated comonomers at 110-350 deg C and 1000-4000 bar in the presence of peroxide polymerization inhibitors is claimed. A non-polymerizable carboxylic acid is added at 0.01-2.0 wt.% (with respect to) the total amount of ethylene in the polymerization mixture) to control the decomposition rate of the peroxide initiator.

IPC 1-7
C08F 4/34; **C08F 10/02**; **C08F 218/08**; **C08F 220/02**

IPC 8 full level
C08F 2/38 (2006.01); **C08F 4/34** (2006.01); **C08F 10/02** (2006.01); **C08F 210/02** (2006.01); **C08F 2/00** (2006.01); **C08F 218/08** (2006.01); **C08F 220/02** (2006.01)

CPC (source: EP KR)
C08F 110/02 (2013.01 - KR); **C08F 210/02** (2013.01 - EP KR)

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