

Title (en)
HETEROPHASIC COPOLYMERS AND SEQUENTIAL POLYMERIZATION

Title (de)
HETEROPHASIGE COPOLYMERE UND SEQUENTIELLE POLYMERISIERUNG

Title (fr)
COPOLYMÈRES HÉTÉROPHASIQUES ET POLYMÉRISATION SÉQUENTIELLE

Publication
EP 3303419 A1 20180411 (EN)

Application
EP 16803915 A 20160429

Priority

- US 201562171616 P 20150605
- EP 15177103 A 20150716
- US 2016030045 W 20160429

Abstract (en)
[origin: WO2016195870A1] This invention relates to heterophasic copolymers of propylene and an alpha olefin comonomer having a high fill phase content ($\geq 15\%$), and heterophasic polymerization processes using a single site catalyst system with a support having high average particle size ($PS \geq 30 \mu m$), high surface area ($SA \geq 400 m^2/g$), low pore volume ($PV \leq 2 mL/g$), and a mean pore diameter range of $1 \leq PD \leq 20 nm$.

IPC 8 full level
C08F 2/44 (2006.01); **C08F 10/06** (2006.01)

CPC (source: CN EP)
C08F 2/001 (2013.01 - CN); **C08F 10/06** (2013.01 - EP); **C08F 110/06** (2013.01 - CN); **C08F 210/06** (2013.01 - CN);
C08L 23/12 (2013.01 - CN EP); **C08F 4/65912** (2013.01 - EP); **C08F 4/65927** (2013.01 - EP); **C08F 2410/06** (2021.01 - EP);
C08L 2205/025 (2013.01 - EP); **C08L 2207/02** (2013.01 - EP); **C08L 2308/00** (2013.01 - EP); **C08L 2314/06** (2013.01 - EP)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2016195870 A1 20161208; CN 107667139 A 20180206; EP 3303419 A1 20180411; EP 3303419 A4 20180620

DOCDB simple family (application)
US 2016030045 W 20160429; CN 201680032433 A 20160429; EP 16803915 A 20160429