

Title (en)  
SINGLE SITE CATALYST SUPPORTATION

Title (de)  
SINGLE-SITE-KATALYSATORUNTERSTÜTZUNG

Title (fr)  
SUPPORT DE CATALYSEUR À SITE UNIQUE

Publication  
**EP 3303416 A1 20180411 (EN)**

Application  
**EP 16803914 A 20160429**

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• US 201562171602 P 20150605  
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• US 2016030036 W 20160429

Abstract (en)  
[origin: WO2016195868A1] This invention relates to catalyst supports having high surface area ( $SA \geq 400 \text{ m}^2/\text{g}$ ), low pore volume ( $PV \leq 2 \text{ mL/g}$ ), a specific mean pore diameter range ( $PD = 1 - 20 \text{ nm}$ ), and high average particle size ( $PS \geq 30 \mu\text{m}$ ), supported catalysts, and supportation processes; and further relates to: high porosity ( $\geq 15\%$ ) and/or low pore diameter ( $PD < 165 \mu\text{m}$ ) propylene polymers; bimodal polymers and/or heterophasic copolymers based on the high porosity and/or low pore diameter propylene polymers; propylene polymerization processes using the supported catalysts and/or to prepare the high porosity and/or low pore diameter propylene polymers, bimodal polymers and/or heterophasic copolymers.

IPC 8 full level  
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DOCDB simple family (publication)  
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