

Title (en)
VACUUM PRE-CASTING OF POLYAMIDE POLYMERS

Title (de)
VAKUUMVORFORMUNG VON POLYAMID-POLYMEREN

Title (fr)
PRÉMOULAGE SOUS VIDE DE POLYMÈRES DE POLYAMIDE

Publication
EP 2991813 A1 20160309 (EN)

Application
EP 14725586 A 20140415

Priority
• US 201361818304 P 20130501
• US 2014034206 W 20140415

Abstract (en)
[origin: WO2014179056A1] The present disclosure provides methods and apparatuses providing uniform polyamide pellets. In one example, a method can include maintaining a vacuum during a pre-casting polymerization cycle of the cyclic process such that the pre-casting polymerization cycle produces a reactive polyamide polymer with decreased pre-casting polymerization cycle time, extruding the reactive polyamide polymer during a casting cycle by adjusting process parameters including vessel pressure and extrusion valve opening to generate a throughput of extruded polymer, and cutting the extruded polymer at a cutting speed substantially proportional to the throughput to provide polyamide pellets.

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CPC (source: EP)
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Citation (search report)
See references of WO 2014179056A1

Citation (examination)
• EP 2992042 A1 20160309 - INVISTA NORTH AMERICA SARL [US]
• EP 2992043 A1 20160309 - INVISTA NORTH AMERICA SARL [US], et al

Designated contracting state (EPC)
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EP 2991813 A1 20160309; TW 201509993 A 20150316

DOCDB simple family (application)
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