

Title (en)

POLYAMIDE CASTING FOR PRODUCING UNIFORM PELLETS

Title (de)

POLYAMIDGUSS ZUR HERSTELLUNG GLEICHFÖRMIGER KÜGELCHEN

Title (fr)

COULAGE DE POLYAMIDE POUR LA PRODUCTION DE GRANULÉS UNIFORMES

Publication

EP 2992042 A1 20160309 (EN)

Application

EP 14724608 A 20140415

Priority

- US 201361818192 P 20130501
- US 2014034231 W 20140415

Abstract (en)

[origin: WO2014179070A1] The present disclosure provides methods and apparatuses providing uniform polyamide pellets. In one example, a method of producing uniform pellets of a polyamide polymer can comprise steps of cutting a strand of an extruded polyamide polymer at a cutting speed substantially proportional to a throughput of the polyamide polymer to achieve polymer pellet uniformity, and adjusting one or more process parameters to maintain a uniformity of the polyamide pellets.

IPC 8 full level

C08J 3/12 (2006.01); **B29B 9/06** (2006.01)

CPC (source: EP)

B29B 7/72 (2013.01); **B29B 7/7461** (2013.01); **B29B 9/06** (2013.01); **B29B 9/12** (2013.01); **C08J 3/12** (2013.01); **B29B 7/38** (2013.01); **B29B 7/90** (2013.01); **B29B 9/065** (2013.01); **B29B 9/14** (2013.01); **C08J 2377/06** (2013.01)

Citation (search report)

See references of WO 2014179070A1

Cited by

EP2991813A1

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 2014179070 A1 20141106; CN 104129009 A 20141105; CN 104129009 B 20180703; EP 2992042 A1 20160309; TW 201500157 A 20150101

DOCDB simple family (application)

US 2014034231 W 20140415; CN 201410143762 A 20140410; EP 14724608 A 20140415; TW 103113134 A 20140410