

Title (en)
THERMOPLASTIC POLYMER COMPOSITION

Title (de)
THERMOPLASTISCHE POLYMERZUSAMMENSETZUNG

Title (fr)
COMPOSITION POLYMÈRE THERMOPLASTIQUE

Publication
EP 3189095 A1 20170712 (EN)

Application
EP 15781421 A 20150902

Priority
• IT FI20140199 A 20140903
• IB 2015056660 W 20150902

Abstract (en)
[origin: WO2016035021A1] The present invention refers to thermoplastic polymer compositions, highly biodegradable, based on polycaprolactone and a proteic hydrolysate material, that are useful for the quick prototyping with 3D printers and for the manufacture of semi-finished products in the form of filaments, pellets and thin films by hot extrusion.

IPC 8 full level
C08J 5/18 (2006.01); **B29C 67/00** (2017.01); **C08J 11/10** (2006.01); **C08L 67/04** (2006.01); **C08L 89/00** (2006.01); **C08L 89/04** (2006.01); **C08L 89/06** (2006.01)

CPC (source: EP US)
B33Y 70/00 (2014.12 - EP US); **C08L 67/04** (2013.01 - EP); **C08L 89/00** (2013.01 - EP US); **C08L 89/04** (2013.01 - EP); **C08L 89/06** (2013.01 - EP); **C08J 5/18** (2013.01 - EP); **C08J 2367/04** (2013.01 - EP); **C08J 2489/06** (2013.01 - EP); **C08L 2201/06** (2013.01 - EP); **C08L 2203/16** (2013.01 - EP); **C08L 2205/18** (2013.01 - EP)

C-Set (source: EP)
1. **C08L 67/04 + C08L 89/00**
2. **C08L 67/04 + C08L 89/04**
3. **C08L 67/04 + C08L 89/06**
4. **C08L 89/04 + C08L 67/04**
5. **C08L 89/06 + C08L 67/04**
6. **C08L 89/00 + C08L 67/04**

Citation (search report)
See references of WO 2016035021A1

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 2016035021 A1 20160310; EP 3189095 A1 20170712

DOCDB simple family (application)
IB 2015056660 W 20150902; EP 15781421 A 20150902