

Title (en)

PRODCCESS OF PRODUCING A PLASTIC MATERIAL, PLASTIC MATERIAL AND USE OF THE PLASTIC MATERIAL

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES KUNSTSTOFFMATERIALS, KUNSTSTOFFMATERIAL UND VERWENDUNG DES KUNSTSTOFFMATERIALS

Title (fr)

PROCÉDÉ DE FABRICATION D'UNE MATIÈRE PLASTIQUE, MATIÈRE PLASTIQUE ET UTILISATION DE LA MATIÈRE PLASTIQUE

Publication

**EP 3559093 A1 20191030 (EN)**

Application

**EP 17840459 A 20171222**

Priority

- RS P20161167 A 20161223
- RS 2017000017 W 20171222

Abstract (en)

[origin: WO2018117889A1] Product- A filled plastic profile generally is a term related to tectonics and recycling, is made out of recycled materials gained by special processes in specially adjusted machinery, consists of shell (extended, plastic hollow profile of various lenghts, sizes, shapes, and sections) and fillig (made out of concrete from recycled materials, whereas the concrete itself can be a product of its own considering it has excellent thermo-isolating properties, elasticity etc.) is also made by specific processes. Filled plastic profile has a wide range of usage as end products (fence pole, road sign pole, electric wiring pole, construction materials for prefabricated buildings, defensive nets in agriculture, as a segment in production of benches, shelves etc.) which need weather resistance, salt, corrosion, chemical resistences, which don't need any further maintance in terms of painting, protecting, and it's pleasent to look at and durable. Filled plastic profile can replace usual materials (wood, iron, concrete poles) and give better performances considering its firmness can be from extremely firm to extremely elastic (it depends on the method and technology used in the production, and the intended usage), and yet, easy to manipulate and furtherly amend.

IPC 8 full level

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CPC (source: EP)

**B29B 7/005** (2013.01); **B29B 7/90** (2013.01); **C08J 3/005** (2013.01); **C08J 2323/12** (2013.01); **C08J 2423/06** (2013.01); **C08J 2423/08** (2013.01); **C08J 2427/06** (2013.01)

Citation (search report)

See references of WO 2018117889A1

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