

Title (en)
UNITIZED FORMED CONSTRUCTION MATERIALS AND METHODS FOR MAKING SAME

Title (de)
MODULARISIERTE GEFORMTE BAUSTOFFE UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)
MATÉRIAUX DE CONSTRUCTION FORMÉS UNITISÉS ET LEURS PROCÉDÉS DE FABRICATION

Publication
EP 3368496 A1 20180905 (EN)

Application
EP 16804943 A 20161025

Priority

- US 201514756884 A 20151026
- US 201514756883 A 20151026
- US 2016000087 W 20161025

Abstract (en)
[origin: WO2017074483A1] A method for manufacturing unitized formed mineral-based construction materials includes providing starting materials including a clay, a sublimation agent, lime and water. The starting materials are mixed with one another to achieve a mixture of the starting materials. The mixture of the starting materials is then formed into a formed unit which is defined by a minimum dimension selected from one of width, depth and thickness. The formed unit is then dried to allow the formed unit to be transferred to a kiln. One the formed unit is placed in the kiln, the kiln is heated to a processing temperature of between about 1000° and about 1200°C, and maintained at the processing temperature for a period of between about 10 minutes and about 60 minutes per centimeter of the minimum dimension of the formed unit. Following kilning the formed unit is removed from the kiln.

IPC 8 full level
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CPC (source: EP IL)
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Citation (search report)
See references of WO 2017074483A1

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

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WO 2017074483 A1 20170504; AU 2016344404 A1 20180510; AU 2016344404 A2 20180531; AU 2016344404 B2 20210603; CA 3002518 A1 20170504; EP 3368496 A1 20180905; IL 258777 A 20180628; IL 258777 B 20211031; MX 2018005208 A 20181109

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