

Title (en)
SANDWICH COMPOSITE ELEMENTS

Title (de)
SANDWICH-VERBUNDELEMENTE

Title (fr)
ÉLÉMENTS COMPOSITES EN SANDWICH

Publication
EP 2411198 A1 20120201 (DE)

Application
EP 10709802 A 20100316

Priority
• EP 2010001639 W 20100316
• EP 09004238 A 20090325
• EP 10709802 A 20100316

Abstract (en)
[origin: EP2233271A1] The device has a mixing head for mixing raw materials e.g. isocyanate components and polyol components, for producing foam. A ventilator head lies below the mixing head, and three hose lines are brought on the ventilator head. Three stationary casting rakes apply a mixture of the raw materials for foam formation on a movable substrate. The three casting rakes are arranged transverse to a production direction of the substrate in a displaced manner. The casting rakes comprise a conical inner cross-section at a region of an outlet opening of the foam. The hose lines comprise same cross-section. Independent claims are also included for the following: (1) a device for manufacturing foamed sandwich composite elements (2) a method for manufacturing foamed sandwich composite elements.

IPC 8 full level
B29C 44/46 (2006.01); **B05C 5/02** (2006.01)

CPC (source: EP US)
B29C 44/461 (2013.01 - EP US); **B05C 5/027** (2013.01 - US); **B29C 39/16** (2013.01 - US); **B29C 44/30** (2013.01 - EP US);
B29C 44/445 (2013.01 - EP US)

Citation (search report)
See references of WO 2010108615A1

Cited by
EP3482904A1; WO2019096733A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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RU 2011142820 A 20130427; RU 2524395 C2 20140727; US 2012141673 A1 20120607; US 9242399 B2 20160126;
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