

Title (en)  
METHOD FOR PRODUCING A MOULDED PART

Title (de)  
VERFAHREN ZUR HERSTELLUNG EINES FORMTEILS

Title (fr)  
PROCEDE DE FABRICATION D UNE PIECE MOULEE

Publication  
**EP 1694486 A1 20060830 (FR)**

Application  
**EP 04805600 A 20041201**

Priority  
• FR 2004003078 W 20041201  
• FR 0314831 A 20031217

Abstract (en)  
[origin: FR2863933A1] The moulding procedure uses a composite sandwich that incorporates an expansion agent that reacts at the moment of moulding. The agent can be incorporated in the core of the sandwich or applied to the core and/or its covering material and reacts to the sandwich moulding temperature. The component has surface undulations or irregularities with an amplitude of less than 50 microns and a density of between 30 and 1200 kg/cu m. The expansion agent can be exothermic, e.g. azidocarbonamide or sulfonyl hydrazide, or endothermic, such as a mixture of sodium bicarbonate and citric acid.

IPC 8 full level  
**B29C 44/12** (2006.01)

CPC (source: EP US)  
**B29C 44/12** (2013.01 - EP US); **B29C 44/1285** (2013.01 - EP US)

Citation (search report)  
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