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(71) Applicant: **EVONIK OPERATIONS GMBH** [DE/DE];
Rellinghauser Straße 1-11, 45128 Essen (DE).

(72) Inventors: **ROTH, Matthias Alexander**; Tauberstrasse 5,
64347 Griesheim (DE). **HOLLEYN, Denis**; Hintergasse
50a, 65719 Hofheim am Taunus (DK). **PESCHKE, Mar-**
cus; Jadeweg 4, 64287 Darmstadt (DE). **LANG, Uwe**; Rot-
tlandstraße 16, 34329 Nieste (DE).

(74) Agent: **EVONIK PATENT ASSOCIATION**; Paul-Bau-
mann-Straße 1, 45772 Marl (DE).

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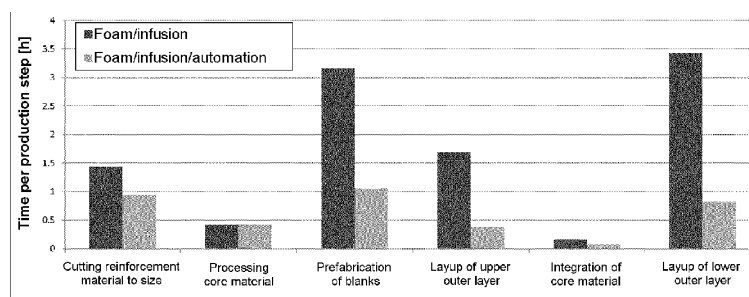
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(54) Title: METHOD OF AUTOMATED PROCESSING OF HIGH-TEMPERATURE-STABLE, CLOSED-PORE, RIGID HARD FOAMS

Figure 1



(57) Abstract: The present invention discloses a method of automated production of lightweight components. The method has the steps of providing a high-temperature-stable, closed-pore, rigid hard foam, of providing a fibre reinforcement material, of automated applying of the fibre reinforcement material to the high-temperature-stable, closed-pore, rigid hard foam. The high-temperature-stable, closed-pore rigid hard foam has a Tg of $\geq 100^{\circ}\text{C}$, preferably $\geq 180^{\circ}\text{C}$. The lightweight components are preferably aviation and aerospace components. In addition, the invention includes a production line for performance of an automated production method for lightweight components.

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