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Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(U))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(Ui))

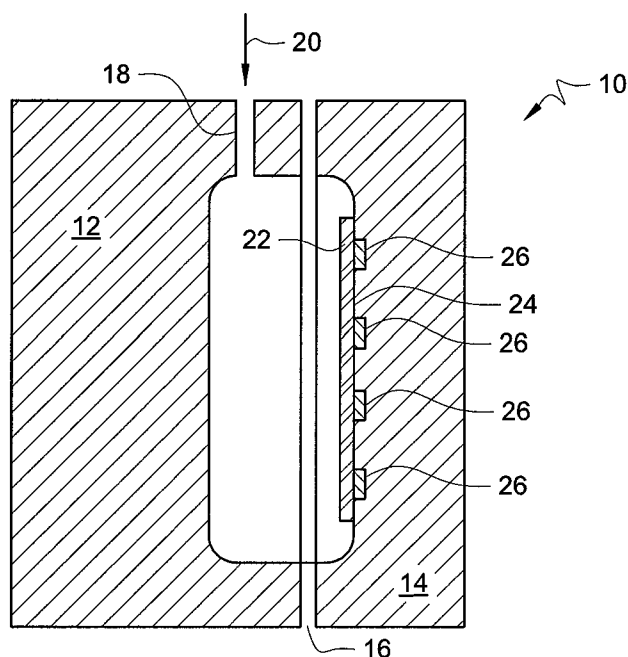
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(54) **Title:** METHOD AND SYSTEM FOR MAKING MOLDED FOAM PARTS



(57) **Abstract:** A system and method for making molded foam parts having a reinforcing sheet integrally molded onto a surface of the finished part. One or more magnetic elements, e.g. magnets, are positioned on an inner surface of a mold. Magnetic particles, e.g. iron, are bonded to or embedded in a surface of a reinforcing sheet. The magnetic particles may be mixed with a binder and sprayed, screen printed or otherwise applied to a surface of the sheet. The sheet is positioned in the mold adjacent the magnetic elements and held in place by magnetic attraction. Foam forming chemicals may then be reacted in the mold to form a foam part with the sheet bonded to the foam part in a desired location.

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INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC: B29C 65/00(2006.01);H05B 6/00(2006.01);B32B 7/00(2006.01);B28B 1/00(2006.01)

USPC: 264/41,478;428/120,900;425/3

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 264/41, 478; 428/120, 900; 425/3

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,986,822 B1 (Poulakis) 10 January 2006 (17.01.2006), column 1, lines 40-52; column 2, lines 13-20; column 3, lines 8-47	7-11, 13-18, 20 and 21
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Y		1-6, 12, 19 and 22
Y	US 2004/0058184 A1 (Pepin) 25 March 2004 (25.03.2004)	4-6, and 22



Further documents are listed in the continuation of Box C.

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See patent family annex.

* Special categories of cited documents	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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