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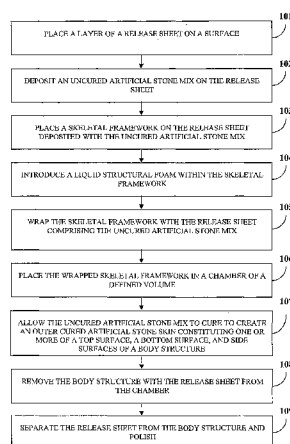


FIG. 1

(57) Abstract: A method of manufacturing a body structure for a door or other furniture is provided. A skeletal framework is placed on an uncured artificial stone mix deposited on a release sheet placed on a surface. Liquid structural foam is introduced within the skeletal framework. The skeletal framework is wrapped with the release sheet comprising the uncured artificial stone mix such that the skeletal framework is completely covered with the uncured artificial stone mix. The wrapped skeletal framework is placed in a chamber of a defined volume. The uncured artificial stone mix is compressed by the expanding liquid structural foam and conforms to the internal shape of the chamber. The foaming action generates heat that accelerates curing of the uncured artificial stone mix to create an outer cured artificial stone skin of the body structure. After removal from the chamber, the release sheet is separated and the body structure is polished.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/IN2010/000092

A. CLASSIFICATION OF SUBJECT MATTER

See extra sheet

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)

IPC: B32B27/00; B32B37/00; C04B26/02; C04B111/54; B32B; C04B

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)

CNPAT, WPI, EPODOC, artificial stone, cur+, foam+, bind+, core

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	CN1673164A (WADA SHOJI KK) 28 Sep. 2005 (28.09.2005) the whole document	1-8
A	CN2496649Y (YANG, Yuyu) 26 June 2002 (26.06.2002) the whole document	1-8
A	CN101035673A (MARIO M, et al) 12 Sep. 2007 (12.09.2007) the whole document	1-8
A	CN1225078A (DOPPEL CO., LTD.) 04 Aug. 1999 (04.08.1999) the whole document	1-8
A	JP7-52306A (MITSUBISHI KASEI CORP.) 28 Feb. 1995 (28.02.1995) the whole document	1-8
A	JP8-156216A (TOTO LTD.) 18 June 1996 (18.06.1996) the whole document	1-8
A	DE19942606A1 (SCHULTZE-KRAFT A) 08 Mar. 2001 (08.03.2001) the whole document	1-8

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

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