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[Continued on next page]

(54) Title: COMPOSITE PANEL WITH REINFORCED RECESSES

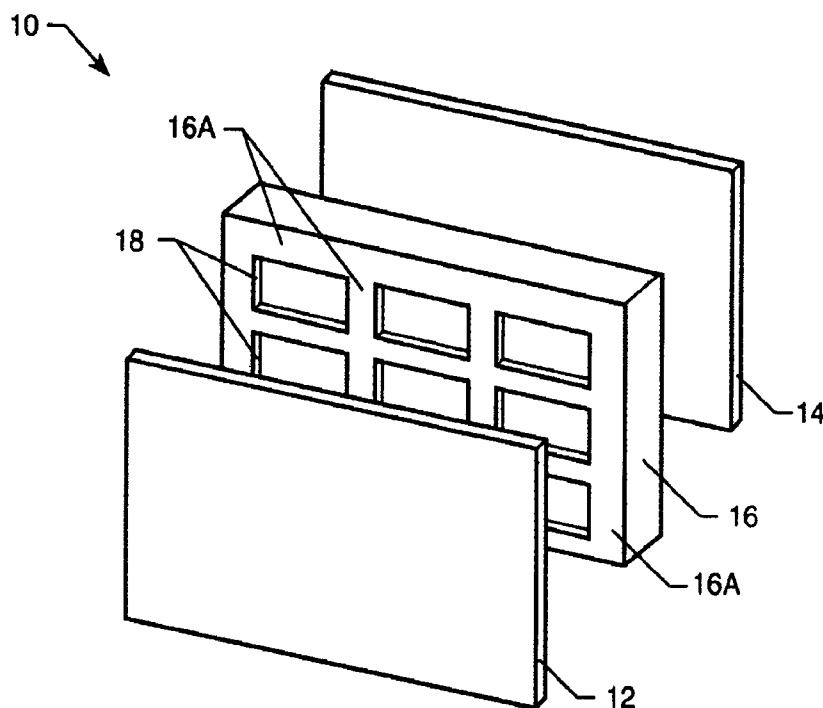


FIG. 1

(57) Abstract: A composite panel has one or more recesses, or smoothly-contoured recesses formed in one or both opposing sides of a core. Reinforcement conforming to each recess is coupled to the core at the recess. First and second facing sheets are respectively coupled to the first and second opposing sides of the core.

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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)

PubWEST, Google Patents Database, Google Scholar Database

(composite, panel, reinforce, recess, core, facing, sheet, acoustic, damp, vibrate, honeycomb, contour, subsonic, mirror, image, depression)

C DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
X	US 6,267,838 B1 (Saugnac, et al) 31 Jul 2001 (31 07 2001) Figure 1, column 2, line 35, column 3, line 23-25, line 48-50, column 4, line 4-7, line 14-18, line 29-40, column 5, line 55-57	1-7, 9, 11-18, 20, 22-24
Y		8, 10, 19, 21, 25
Y	US 5,856,022 A (McCormick, et al) 5 Jan 1999 (05 01 1999) column 4, line 37-39	8, 19
Y	US 6,584,740 B2 (Record) 1 Jul 2003 (01 07 2003) Figure 3, column 6, line 47-63	10, 21, 25

☐ Further documents are listed in the continuation of Box C

* 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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