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(54) Title: ENVIRONMENTALLY RESILIENT CORRUGATED BUILDING PRODUCTS AND METHODS OF MANUFACTURE

(57) Abstract: An environmentally resilient building product of a vinyl laminated formed-sheet metallic substrate wherein the vinyl laminate is adhesively attached to the formed-sheet metallic substrate to provide a durable and attractive surface. Possible decorative and resilient surfaces include, but are not limited to solid colors, metallic finishes, and graphical images or patterns, all available in a variety of textures.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER IPC(8) -- E04C 2/00 (2007.01) USPC -- 52/270; 428/221 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) USPC -- 52/270; 428/221 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched USPC -- 52/796.1; 156/60; 428/141,142, 411.1 Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) PGPB,USPT,USOC,EPAB,JPAB; Google Patents Search terms -- sheet metal, vinyl laminate, steel, corrugatd, panel, building, roof, wall, gauge, wood grain, ribs, UV resistant, waterproof		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US 5,132,164 A (MORIYA et al.) 21 July 1992 (21.07.1992) col 1, ln 24-30, col 2, ln 48-60, col 6, ln 4-10	1, 2, 4, 5, 7 ----- 3, 6, 13-20
Y	US 5,205,091 A (BROWN) 27 April 1993 (27.04.1993) col 3, ln 1-11, col 4, ln 20-22, col 5, ln 44-51, col 14, ln 51-64, col 17, ln 28-33, col 63, ln 16-22.	3, 8-20
Y	US 2005/0003154 A1 (WHITE et al.) 06 January 2005 (06.01.2005) para [0022], [0055].	6, 11, 12, 16
Y	US 2003/0037499 A1 (COULTON) 27 February 2003 (27.02.2003) para [0013].	8-12
Y	US 2002/0114924 A1 (ALBERT) 22 August 2002 (22.08.2002) para [0007].	9
Y	US 2001/0047634 A1 (WICK) 06 December 2001 (06.12.2001) para [0034].	9, 10, 19
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Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US, Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450 Facsimile No. 571-273-3201		Authorized officer: Lee W. Young PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774