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(54) DECORATIVE PVD COATED ITEMS AND RADOMES AND METHODS OF MAKING SAME

(57) A decorative radome including a radio-transmissive substrate having a first surface on a first side and a second surface on a second side; and a first surface radio-transmissive decorative coating; methods of manufacturing a PVD coated system include applying a hard coating to the substrate; applying a PVD coating by magnetron sputtering to the substrate; and laser etching one or more of a pattern or a graphic into the PVD coating; and A decorative PVD coated item, comprising:a substrate; a hard coating applied to the substrate; a PVD coating provided on the hard coating and the substrate, wherein the PVD coating is laser etched with one or more of a pattern or a graphic so that the PVD coating is at least partially removed and the pattern or the graphic is revealed as a result of the contrast between the substrate and the PVD coating.

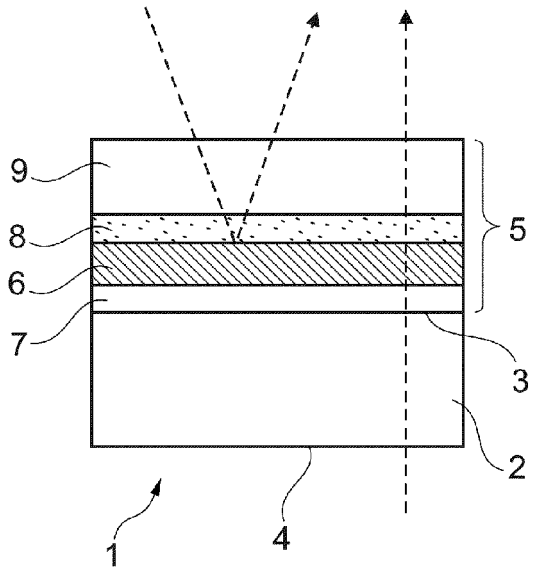


Fig. 1

EP 4 790 832 A3

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EUROPEAN SEARCH REPORT

Application Number
EP 26 17 3112

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	WO 2021/018422 A1 (MOTHERSON INNOVATIONS CO LTD [GB]) 4 February 2021 (2021-02-04) * paragraphs [0001] - [0288]; claims 1-55; figures 1-18 *	1-12	INV. H01Q1/44 H01Q1/32 H01Q1/42

TECHNICAL FIELDS SEARCHED (IPC)

H01Q
B60R

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
The Hague	31 August 2026	El-Shaarawy, Heba

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
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ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO. EP 26 17 3112

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31-08-2026

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82