

Title (en)
FUNCTIONALIZED CELLULAR STRUCTURE, SANDWICH COMPOSITE STRUCTURE, MANUFACTURING METHOD, OPTIMIZATION METHOD
AND ASSOCIATED DEVICES

Title (de)
FUNKTIONALISIERTE ZELLSTRUKTUR, SANDWICHVERBUNDSTRUKTUR, HERSTELLUNGSVERFAHREN, OPTIMIERUNGSVERFAHREN
UND ZUGEHÖRIGE VORRICHTUNGEN

Title (fr)
STRUCTURE ALVÉOLAIRE FONCTIONNALISÉE, STRUCTURE COMPOSITE SANDWICH, PROCÉDÉ DE FABRICATION, PROCÉDÉ
D'OPTIMISATION ET DISPOSITIFS ASSOCIÉS

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Application
EP 21798368 A 20211021

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• EP 2021079256 W 20211021

Abstract (en)
[origin: WO2022084465A1] The present invention relates to an absorbent structure that is a honeycomb-type cellular structure (10) extending between two end faces and comprises tubular cells (12), each cell (12) having walls (14) delimiting said cell (12), the walls (14) extending between the two end faces, the walls (14) consisting of a dielectric material, at least one cell (12) comprising at least one strip (16) of an electrically conductive coating placed in at least one wall (14) or on a surface of at least one wall (14), the cellular structure (10) being characterized by parameters selected so that the absorbent structure provides an attenuation of at least 10 dB for each incident wave within a frequency range no less than 15 Ghz in extent.

IPC 8 full level
H01Q 17/00 (2006.01)

CPC (source: EP KR US)
H01Q 17/00 (2013.01 - EP); **H01Q 17/007** (2013.01 - US); **H01Q 17/008** (2013.01 - EP KR US)

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See references of WO 2022084465A1

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