

Title (en)
AUXETIC MATERIAL

Title (de)
AUXETISCHES MATERIAL

Title (fr)
MATÉRIAU AUXÉTIQUE

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Application
EP 09740093 A 20091014

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Abstract (en)
[origin: WO2010052101A2] The invention relates to an auxetic material that is composed of a periodic arrangement of three-dimensional structural elements (G, G1, G2, G3) connected to each other, wherein each of the structural elements (G) comprises a first (3) and at least three second supporting elements (4), wherein the first (3) and the second supporting elements (4) are connected at a common node (1) with their one ends, and wherein a first angle (a) between the first supporting element (3) and the second supporting elements (4) is less than 90°.

IPC 8 full level
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Citation (search report)
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Citation (examination)
• EP 1612108 A1 20060104 - GEN ELECTRIC [US]
• WO 9101186 A1 19910207 - NAT RES DEV [GB]

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