

Title (en)
Soundboard made with fibre composite

Title (de)
Resonanzplatte in Faserverbund-Bauweise

Title (fr)
Structure composite avec des fibres pour une table d'harmonie

Publication
EP 1182642 A3 20031126 (DE)

Application
EP 01119532 A 20010814

Priority
DE 10041357 A 20000823

Abstract (en)
[origin: EP1182641A2] Resonance plate comprises a core plate (1) and a fiber coating (2) made of long fibers and arranged on both outer sides of the core plate. The core plate has a recess (3) surrounded by the material regions of the core plate where the total volume of the recess is not more than 80%, preferably 20-45%, of the total volume of the core plate. Preferred Features: Single regions of the core plate have different thicknesses.

IPC 1-7
G10D 1/00; **G10D 3/02**

IPC 8 full level
G10C 3/06 (2006.01); **G10D 1/00** (2006.01); **G10D 3/02** (2006.01)

CPC (source: EP US)
G10C 3/06 (2013.01 - EP US); **G10D 3/02** (2013.01 - EP US); **G10D 3/22** (2020.02 - EP US)

Citation (search report)
• [A] US 4429608 A 19840207 - KAMAN CHARLES H [US], et al
• [A] GB 2289366 A 19951115 - STEPHENS JOSEPH HAROLD [GB]
• [A] US 4353862 A 19821012 - KAMAN II CHARLES W
• [AD] EP 0433430 A1 19910626 - CENTRE NAT RECH SCIENT [FR]
• [A] US 4348933 A 19820914 - KAMAN CHARLES H, et al

Cited by
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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

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DE 20113495 U1 20011031; AT E309596 T1 20051115; AT E309597 T1 20051115; DE 50107960 D1 20051215; DE 50107961 D1 20051215; EP 1182641 A2 20020227; EP 1182641 A3 20030910; EP 1182641 B1 20051109; EP 1182642 A2 20020227; EP 1182642 A3 20031126; EP 1182642 B1 20051109; US 2002066353 A1 20020606; US 2002066354 A1 20020606; US 2002069743 A1 20020613; US 6610915 B2 20030826; US 6737568 B2 20040518; US 6770804 B2 20040803

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