

Title (en)
COMPONENT FOR TRANSMITTING ACOUSTIC WAVES AND METHOD FOR PRODUCING A COMPONENT FOR TRANSMITTING ACOUSTIC WAVES

Title (de)
BAUTEIL ZUR ÜBERTRAGUNG VON AKUSTISCHEN WELLEN SOWIE VERFAHREN ZUR HERSTELLUNG EINES BAUTEILS ZUR ÜBERTRAGUNG AKUSTISCHER WELLEN

Title (fr)
COMPOSANT DE TRANSMISSION DES ONDES ACOUSTIQUES AINSI QUE PROCÉDÉ DE FABRICATION D'UN COMPOSANT DE TRANSMISSION DES ONDES ACOUSTIQUES

Publication
EP 3822963 B1 20240103 (DE)

Application
EP 19209330 A 20191115

Priority
EP 19209330 A 20191115

Abstract (en)
[origin: WO2021094316A1] The invention relates to a component (2), in particular for a stringed instrument, comprising at least one first region (4) and a second region (6) for transmitting acoustic waves between a first body and a second body, wherein the first region (4) and the second region (6) have the same material and are connected together in order to transmit acoustic waves between each other. According to the invention, the at least one first region (4) and the second region (6) have varying component densities such that at least one acoustic property of the transmitted acoustic waves is thereby adapted or adaptable.

IPC 8 full level
G10D 3/04 (2020.01)

CPC (source: EP)
G10D 3/04 (2013.01)

Citation (examination)
• LIQUIDMETAL TECHNOLOGIES: "A Sound Decision - Liquidmetal alloy in Musical Instrument Applications", 1 October 2017 (2017-10-01), XP055659065, Retrieved from the Internet <URL:https://www.liquidmetal.com/wp-content/uploads/2017/10/Acoustics.pdf> [retrieved on 20200117]
• ANONYMOUS: "How does Liquidmetal perform in musical instruments", 30 July 2017 (2017-07-30), pages 1 - 2, XP093017304, Retrieved from the Internet <URL:https://twitter.com/liquidmetal/status/826136738502320128> [retrieved on 20230124]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3822963 A1 20210519; EP 3822963 B1 20240103; WO 2021094316 A1 20210520

DOCDB simple family (application)
EP 19209330 A 20191115; EP 2020081651 W 20201110