

Title (en)  
REED PLATE FOR A MANUAL PULLING INSTRUMENT, SOUND POST FOR A MANUAL PULLING INSTRUMENT, AND MANUAL PULLING INSTRUMENT

Title (de)  
STIMMPLATTE FÜR EIN HANDZUGINSTRUMENT, STIMMSTOCK FÜR EIN HANDZUGINSTRUMENT, SOWIE HANDZUGINSTRUMENT

Title (fr)  
PLAQUE POUR UN INSTRUMENT À TIRETTE, ÂME POUR UN INSTRUMENT À TIRETTE, AINSI QUE INSTRUMENT À TIRETTE

Publication  
**EP 4134945 A1 20230215 (DE)**

Application  
**EP 21190420 A 20210809**

Priority  
EP 21190420 A 20210809

Abstract (en)  
[origin: US2023045670A1] A hand-pulled instrument, such as an accordion, typically has a sound post (or reed post) on which several reed plates are mounted. The reed plate usually has two oblong openings. Each opening relates to an elongated reed, which is widened at one of its two longitudinal ends for attachment to the reed plate. The opposite long end of the reed is not further fixed. The reed can be made to vibrate in a way that it partially swings into the associated opening. If air flows through the opening, in particular, due to a movement of a bellows of the hand-pulled instrument, such vibration can be generated, and in this way, an audible tone is produced. The reeds are usually attached to the reed plate with a rivet.

Abstract (de)  
Die Erfindung betrifft eine Stimmplatte (2) für ein Handzuginstrument, wobei an der Stimmplatte (2) mindestens eine Stimmzunge (4) befestigt ist. Die Stimmplatte (2) und die Stimmzunge (4) weisen dabei jeweils ein Kohlefaserverbundwerkstoffmaterial auf. Auf diese Weise lässt sich insbesondere eine verbesserte Frequenzstabilität erzielen.

IPC 8 full level  
**G10D 11/00** (2006.01)

CPC (source: EP US)  
**G10D 11/00** (2013.01 - EP); **G10D 11/02** (2013.01 - US)

Citation (search report)

- [XA] EP 3855424 A1 20210728 - CARBONEON GMBH [CH]
- [A] WO 8604443 A1 19860731 - PELLETIER MARCEL

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

Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**EP 4134945 A1 20230215; EP 4134945 B1 20230927**; HR P20231574 T1 20240315; RS 65098 B1 20240229; US 11942063 B2 20240326; US 2023045670 A1 20230209

DOCDB simple family (application)  
**EP 21190420 A 20210809**; HR P20231574 T 20210809; RS P20231254 A 20210809; US 202217882732 A 20220808