

Title (en)
HARMONICA AND TECHNOLOGY FOR RETROFITTING HARMONICA

Title (de)
HARMONIKA UND TECHNOLOGIE ZUR NACHRÜSTUNG EINER HARMONIKA

Title (fr)
HARMONICA ET TECHNOLOGIE DE CONVERSION D'UN HARMONICA

Publication
EP 3061085 A4 20170802 (EN)

Application
EP 14855025 A 20141015

Priority

- US 201314058727 A 20131021
- US 201414476890 A 20140904
- US 201414476898 A 20140904
- US 2014060766 W 20141015

Abstract (en)
[origin: WO2015061112A1] A harmonica (10) with a tube plate (40) that provides production of sweeter, clearer notes with a minimum of skill. The tube plate (40) has a plurality of tubes (42) and sits over the reeds and the comb (20) under the cover plate (12), a tube coupled with each air chamber in the comb. The tubes form tunnels with the air chambers (22), enhancing reverberation and separating the sound waves emanating from the reed in each chamber. The tube plate (40) can be added to a conventional harmonica. The harmonica has a plurality of reed units, each reed in a separate unit. Each reed unit (30) is individually replaced when a reed requires replacement or when modification of the harmonica key is desired. The reed units can replace a reed plate in a conventional harmonica.

IPC 8 full level
G10D 7/00 (2006.01); **G10D 7/12** (2006.01); **G10D 9/02** (2006.01)

CPC (source: EP)
G10D 7/14 (2020.02)

Citation (search report)

- [XY] US 2820390 A 19580121 - VENTO NICHOLAS J
- [XY] US 173652 A 18760215
- [XY] US 653451 A 19000710 - HOHNER HANS [DE]
- [Y] US 2511302 A 19500613 - STEPHENSON HUGH M
- See references of WO 2015061112A1

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)
WO 2015061112 A1 20150430; EP 3061085 A1 20160831; EP 3061085 A4 20170802

DOCDB simple family (application)
US 2014060766 W 20141015; EP 14855025 A 20141015