

Title (en)

SPEAKER MOUNTING MEMBER, SPEAKER INCLUDING THE SAME, AND ELECTRONIC MUSIC INSTRUMENT

Title (de)

LAUTSPRECHERMONTAGEELEMENT, LAUTSPRECHER DAMIT UND ELEKTRONISCHES MUSIKINSTRUMENT

Title (fr)

ÉLÉMENT DE MONTAGE DE HAUT-PARLEUR, HAUT-PARLEUR LE COMPRENANT ET INSTRUMENT DE MUSIQUE ÉLECTRONIQUE

Publication

**EP 3800899 A1 20210407 (EN)**

Application

**EP 20020420 A 20200917**

Priority

JP 2019183561 A 20191004

Abstract (en)

Problem: To provide a speaker mounting member which also handles a case of a full range speaker in which a frequency band of a radiated sound wave is wide, a speaker including the speaker mounting member and an electronic musical instrument.Solution: A speaker mounting member includes an annular concave surface part which forms an annular concave surface which is extended substantially along with a cone shape diaphragm of a speaker which radiates a sound wave and influences directional characteristics. The speaker mounting member includes an inner diameter part which defines a hole that the diaphragm of a speaker unit exposes and a flange part which extends from an outer diameter side edge part of the annular convex surface part to an outer diameter side and engages with an edge part of an opening part.

IPC 8 full level

**H04R 1/02** (2006.01)

CPC (source: EP)

**H04R 1/025** (2013.01)

Citation (applicant)

- JP S5415077 Y2 19790619
- JP S541230 Y2 19790120

Citation (search report)

- [XAI] EP 3383060 A1 20181003 - PANASONIC IP MAN CO LTD [JP]
- [XA] US 2005047604 A1 20050303 - WRIGHT DOUG S [US]
- [A] DE 2334665 A1 19750130 - WESTRA ELECTRONIC GMBH
- [A] KR 20110031570 A 20110329 - YU KOOK IL [KR]

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

DOCDB simple family (publication)

**EP 3800899 A1 20210407**; JP 2021061493 A 20210415; JP 7415129 B2 20240117

DOCDB simple family (application)

**EP 20020420 A 20200917**; JP 2019183561 A 20191004