

Title (en)

Electromagnetic sounding device.

Title (de)

Elektromagnetischer Schallerzeuger.

Title (fr)

Générateur de son électromagnétique.

Publication

**EP 0289264 A1 19881102 (EN)**

Application

**EP 88303750 A 19880426**

Priority

JP 6694487 U 19870501

Abstract (en)

An electromagnetic sounding device applicable to a paging receiver or like radio receiver has a miniature and thin configuration and is stably operable even when subjected to a substantial magnitude of impact.

IPC 1-7

**G10K 9/13**

IPC 8 full level

**B06B 1/04** (2006.01); **G10K 9/13** (2006.01); **H04R 13/00** (2006.01)

CPC (source: EP KR)

**B06B 1/045** (2013.01 - EP); **G10K 9/13** (2013.01 - EP); **H04R 13/00** (2013.01 - KR)

Citation (search report)

- [X] US 4413253 A 19831101 - HOFER ALAN [US], et al
- [Y] US 4251807 A 19810217 - HOFER ALAN, et al
- [A] DE 2402288 A1 19750724 - FICHTER KG

Cited by

CN112634849A; US5467323A; EP0623913A3; EP0497568A3; US5287084A

Designated contracting state (EPC)

GB NL SE

DOCDB simple family (publication)

**EP 0289264 A1 19881102**; **EP 0289264 B1 19920617**; JP H0452797 Y2 19921211; JP S63173293 U 19881110; KR 880014833 A 19881224; KR 910007845 B1 19911002

DOCDB simple family (application)

**EP 88303750 A 19880426**; JP 6694487 U 19870501; KR 880005032 A 19880430