

Title (en)
Speaker

Title (de)
Lautsprecher

Title (fr)
Haut-parleur

Publication
EP 0926924 A3 20050413 (EN)

Application
EP 98401003 A 19980424

Priority
JP 36813397 A 19971227

Abstract (en)
[origin: EP0926924A2] The speaker (10) has a semi-spherical vibration section (12) and a ringed plate-like base section (14). The vibration section and the base section are formed as a single, unitary piezoelectric body. Driving electrodes (18, 20) are located on the single unitary body comprising the vibration section and the base section. The driving electrodes are connected with lead electrodes (22, 24) and the lead electrodes are connected with connecting terminals (26, 28). <IMAGE>

IPC 1-7
H04R 17/00; **H04R 7/12**

IPC 8 full level
H04R 7/12 (2006.01); **H04R 7/16** (2006.01); **H04R 17/00** (2006.01)

CPC (source: EP)
H04R 7/127 (2013.01); **H04R 17/00** (2013.01); **H04R 2307/023** (2013.01)

Citation (search report)

- [XY] US 4284921 A 19810818 - LEMONON CLAIRE, et al
- [Y] US 4550797 A 19851105 - SUZUKI KIYOAKI [JP], et al
- [YA] EP 0782370 A2 19970702 - MURATA MANUFACTURING CO [JP]
- [Y] US 4440983 A 19840403 - FACOETTI HUGUES [FR], et al
- [YA] EP 0810811 A2 19971203 - MURATA MANUFACTURING CO [JP]

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0926924 A2 19990630; **EP 0926924 A3 20050413**; **EP 0926924 B1 20080820**; CN 1132499 C 20031224; CN 1222048 A 19990707; DE 69839907 D1 20081002; JP 3134835 B2 20010213; JP H11196490 A 19990721; KR 100320300 B1 20020219; KR 19990062395 A 19990726

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