

Title (en)

Speaker surround structure for maximizing cone diameter

Title (de)

Lautsprechereinfassungsstruktur zur Maximierung des Konusdurchmessers

Title (fr)

Structure d'entourage de haut-parleur permettant de maximiser le diamètre de cône

Publication

EP 2317775 A1 20110504 (EN)

Application

EP 10012998 A 20020118

Priority

- EP 02704186 A 20020118
- US 78383701 A 20010119

Abstract (en)

The invention provides a loudspeaker comprising: a basket (10) having an outer rim and a landing, a cone (14A); a surround-suspension (30) extending between the cone (14A) and the basket (10), said surround-suspension (30) having an attachment skirt and a fastening flange extending outwardly from the edge of the attachment skirt and being fastened adhesively to the landing of the basket and to a lower portion of the mounting adaptor; and a mounting adaptor (32); wherein said mounting adaptor (32) is positioned inside a peripheral region of the basket (10) between an inner wall of said outer rim of the basket (10) and an outer wall of said attachment skirt, wherein said mounting adaptor (32) forms a spacer between the main speaker frame and a panel interfacing the top horizontal surface of the mounting adaptor

IPC 8 full level

H04R 7/18 (2006.01); **H04R 7/20** (2006.01)

CPC (source: EP KR)

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Citation (applicant)

- US 5111510 A 19920505 - MITOBE KUNIO [JP]
- US 5115474 A 19920519 - TSUCHIYA YUKIO [JP], et al
- US 5867583 A 19990202 - HAZELWOOD ROBERT E [US], et al

Citation (search report)

- [I] JP H11164391 A 19990618 - MATSUSHITA ELECTRIC IND CO LTD
- [A] JP H09327088 A 19971216 - MATSUSHITA ELECTRIC IND CO LTD

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WO 02058433 A1 20020725; WO 02058433 A8 20031204; CN 101291548 A 20081022; CN 101291548 B 20130327; CN 1496662 A 20040512; EP 1364556 A1 20031126; EP 1364556 A4 20070328; EP 1364556 B1 20111005; EP 2317775 A1 20110504; EP 2317775 B1 20140827; JP 2004521538 A 20040715; JP 2008113469 A 20080515; JP 2012039647 A 20120223; JP 4926992 B2 20120509; KR 100902203 B1 20090611; KR 20030066822 A 20030809; KR 20080081371 A 20080909; MX PA03006443 A 20041015

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