

Title (en)
Loudspeaker spider

Title (de)
Lautsprecherspinn

Title (fr)
Suspension de centrage de haut-parleur

Publication
EP 2028876 A1 20090225 (EN)

Application
EP 07016325 A 20070821

Priority
EP 07016325 A 20070821

Abstract (en)
A loudspeaker spider arrangement comprising: a loudspeaker spider comprising rubber or rubber-like material which has a central opening defining an inner rim, a periphery outer rim, and a spring effect portion provided at a portion located between the inner rim and the outer rim to enable the inner rim to be moved axially up and down with respect to the outer rim when a driving force is applied to the inner rim and be retained to an original equilibrium position after the driving force is released; and an integral conductor arrangement which comprises at least one conductor (13) where at least a portion of the at least one conductor extends from the inner rim to the outer rim of the loudspeaker spider.

IPC 8 full level
H04R 9/04 (2006.01)

CPC (source: EP)
H04R 9/043 (2013.01)

Citation (applicant)
• US 2004001603 A1 20040101 - SAHYOUN JOSEPH Y [US]
• EP 1793648 A1 20070606 - MATSUSHITA ELECTRIC IND CO LTD [JP]
• US 6332262 B1 20011225 - SAKAMOTO YOSHIO [JP]

Citation (search report)
• [Y] US 2004001603 A1 20040101 - SAHYOUN JOSEPH Y [US]
• [Y] EP 1793648 A1 20070606 - MATSUSHITA ELECTRIC IND CO LTD [JP]
• [A] US 6332262 B1 20011225 - SAKAMOTO YOSHIO [JP]

Citation (examination)
• EP 1768448 A2 20070328 - SONION HORSENS AS [DK]
• US 2006159300 A1 20060720 - OHARA HIROSHI [TW]
• JP 2004172746 A 20040617 - BRIDGESTONE CORP

Cited by
CN113518289A; US9774972B2; US10021488B2; WO2017015228A1; WO2015044368A1; WO2023072781A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 2028876 A1 20090225

DOCDB simple family (application)
EP 07016325 A 20070821