

Title (en)
Loudspeaker box

Title (de)
Lautsprecherbox

Title (fr)
Enceinte pour haut parleur

Publication
EP 1077583 A3 20080227 (DE)

Application
EP 00117565 A 20000816

Priority
DE 19938172 A 19990816

Abstract (en)
[origin: EP1077583A2] The loudspeaker box has a housing (2) and at least one loudspeaker (4) with a chassis (6) enclosed by a housing wall (8) so that a rear and front sound in the low frequency range is superimposed with a sound increases in a predefined direction. The housing wall is mounted inside the housing to cause a sound increase at the front and a decrease at the rear. Independent claims are also included for a use of the loudspeaker box in a motor vehicle, esp. in a headrest and for a headrest with several integrated loudspeaker boxes.

IPC 8 full level
H04R 1/02 (2006.01); **H04R 1/28** (2006.01); **H04R 1/34** (2006.01)

CPC (source: EP US)
H04R 1/345 (2013.01 - EP US)

Citation (search report)

- [X] DE 19507296 A1 19950907 - SONY CORP [JP]
- [X] EP 0523410 A2 19930120 - NOKIA DEUTSCHLAND GMBH [DE]
- [X] EP 0481163 A2 19920422 - PIONEER ELECTRONIC CORP [JP]
- [A] EP 0319437 A1 19890607 - PICCALUGA PIERRE [FR], et al

Cited by
CN105764000A; DE10255794B3; EP3429227A1; EP3866487A1; US9180822B2; US9517732B2; EP2599331A2

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

Designated extension state (EPC)
AL LT LV MK RO SI

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 00117565 A 20000816; DE 19938172 A 19990816; JP 2000246078 A 20000814; US 63849800 A 20000815