

Title (en)  
Horn loaded type loudspeaker

Title (de)  
Hornlautsprecher

Title (fr)  
Haut-parleur à pavillon

Publication  
**EP 1315398 B1 20080910 (EN)**

Application  
**EP 02258106 A 20021125**

Priority  
GB 0128306 A 20011126

Abstract (en)  
[origin: EP1315398A2] In a horn-loaded compression loudspeaker, sound energy is routed from a compression chamber to a number of radiating openings via respective passages 75 of monotonically-increasing cross-sectional area. This enables a desired wavefront shape to be constructed, by virtue of the radiating openings constituting sub-divisions of a surface which defines the required wavefront. <IMAGE>

IPC 8 full level  
**H04R 1/28** (2006.01); **H04R 1/30** (2006.01)

CPC (source: EP)  
**H04R 1/30** (2013.01); **H04R 2201/34** (2013.01)

Cited by  
EP4373132A1; EP1592281A3; CN108024175A; US7650006B2

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

DOCDB simple family (publication)  
**EP 1315398 A2 20030528; EP 1315398 A3 20050608; EP 1315398 B1 20080910**; AT E408322 T1 20080915; DE 60228808 D1 20081023; GB 0128306 D0 20020116; GB 2382511 A 20030528; GB 2382511 B 20051214; GB 2382511 C 20110304

DOCDB simple family (application)  
**EP 02258106 A 20021125**; AT 02258106 T 20021125; DE 60228808 T 20021125; GB 0128306 A 20011126