

Title (en)  
SIGNALLING HORN

Publication  
**EP 0302258 B1 19910918 (DE)**

Application  
**EP 88110999 A 19880709**

Priority  
DE 3723693 A 19870717

Abstract (en)  
[origin: EP0302258A1] In a signalling horn (1), in particular for motor vehicles, having a diaphragm which is moved by a drive and which acts on a pressure chamber, having a funnel which adjoins the pressure chamber and consists of a first part with a constant cross-section, of a second part which widens conically and of a third part (3) which widens exponentially and ends in a sound output opening (4), the first part and the second part being wound up parallel to the diaphragm plane (11) and the sound output opening (4) being arranged essentially parallel to the diaphragm plane (11), the third part is wound up essentially parallel to the diaphragm plane in order to achieve as large a sound pressure level as possible with as little space requirement as possible. In addition, this third part of the funnel has a plane surface (5) which is swivelled out of the diaphragm plane (11) and whose one side forms one side of the sound output opening.

IPC 1-7  
**G10K 9/18**; **G10K 11/02**

IPC 8 full level  
**G10K 9/18** (2006.01); **G10K 11/02** (2006.01)

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