

Title (en)

SIGNALHORN, IN PARTICULAR FOR VEHICLES

Publication

EP 0337067 A3 19900228 (DE)

Application

EP 89102306 A 19890210

Priority

DE 3812096 A 19880412

Abstract (en)

[origin: EP0337067A2] In a signal horn, 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, is wound parallel to the diaphragm and ends in a sound exit opening, and having means for connecting a part of the signal horn to the surrounding air, the funnel has an essentially downwardly pointing opening at a turn located deepest at a predetermined installation position of the signal horn in order to avoid adverse effects of the emitted sound by water in the funnel, an essentially downwardly pointing channel adjoining said opening.

IPC 1-7

G10K 9/22

IPC 8 full level

G10K 9/22 (2006.01)

CPC (source: EP)

G10K 9/22 (2013.01)

Citation (search report)

- [A] GB 1036715 A 19660720 - SERVICE ELECTRIC COMPANY LTD
- [A] US 4212001 A 19800708 - TAIRA TOSHIJI [JP]
- [AD] DE 1256115 B 19671207 - VILLMECA SA
- [AD] DE 2501584 A1 19751002 - FRIGO DOMENICO

Cited by

US7980193B1; FR2769395A1; US5460116A; WO9309530A1

Designated contracting state (EPC)

AT ES FR GB IT SE

DOCDB simple family (publication)

EP 0337067 A2 19891018; EP 0337067 A3 19900228; EP 0337067 B1 19940601; AT E106589 T1 19940615; DD 283874 A5 19901024; DE 3812096 A1 19891026; DE 3812096 C2 19900621; ES 2053827 T3 19940801; HK 145694 A 19941230

DOCDB simple family (application)

EP 89102306 A 19890210; AT 89102306 T 19890210; DD 32739189 A 19890407; DE 3812096 A 19880412; ES 89102306 T 19890210; HK 145694 A 19941222