

Title (en)

Silencer comprising external and internal half shells

Title (de)

Schalldämpfer mit Aussen- und Innenhalbschalen

Title (fr)

Silencieux composé de demi-coquilles externes et internes

Publication

**EP 0816650 B1 20011205 (DE)**

Application

**EP 97111003 A 19970702**

Priority

DE 19627299 A 19960706

Abstract (en)

[origin: EP0816650A1] The silencer is formed from two outer half-shells (2,3) and two inner half-shells (4,5), in which an exhaust guide is stamped or moulded. An inlet and outlet for the exhaust is welded onto the edges of the half-shells. Both outer half-shells, and at least one of the inner half-shells, have a common folded edge (9). The edges (10,11) of both inner half-shells may be included directly in a folded edge which has a single stage of folding, or in the first stage of a two-stage fold. Alternatively, only one of the inner half-shells may be bent in order to be included directly in a single-stage fold, while the edge of the other half-shell is clamped inside the fold.

IPC 1-7

**F01N 7/18**

IPC 8 full level

**F01N 13/18** (2010.01)

CPC (source: EP)

**F01N 13/185** (2013.01); **F01N 13/1872** (2013.01); **F01N 13/1888** (2013.01); **F01N 2450/24** (2013.01)

Cited by

US7004283B2; EP1172534A3

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DOCDB simple family (publication)

**EP 0816650 A1 19980107**; **EP 0816650 B1 20011205**; DE 19627299 A1 19980108; DE 59705625 D1 20020117; DE 59712413 D1 20051006; EP 1101912 A2 20010523; EP 1101912 A3 20031119; EP 1101912 B1 20050831

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