

Title (en)

Exhaust manifold with guide plate

Title (de)

Abgaskrümmer mit Leitblech

Title (fr)

Collecteur de gaz d'échappement doté d'un déflecteur

Publication

**EP 2333265 B1 20111102 (DE)**

Application

**EP 10014314 A 20101105**

Priority

DE 102009058047 A 20091214

Abstract (en)

[origin: EP2333265A1] The manifold (1) has an upper shell (3) and a lower shell (4) that are welded completely with an engine flange (2), where the manifold is manufactured as a thin-walled metal sheet component. A guiding plate (5) is inserted into the manifold at a cylinder head-side and provided for separating an inner area (6) of the manifold from the engine flange. The guiding plate has openings that extend into an area of exhaust duct openings of the engine flange. The guiding plate is connected fixedly with the upper and lower shells by using thermal joints.

IPC 8 full level

**F01N 13/10** (2010.01); **F01N 13/14** (2010.01)

CPC (source: EP US)

**F01N 13/10** (2013.01 - EP US); **F01N 13/102** (2013.01 - EP US); **F01N 13/1872** (2013.01 - EP US)

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