

Title (en)

Process for manufacturing a metal sheet having at least a zone with increased thickness for a metal gasket, in particular a cylinder head gasket, and metal sheet obtained therewith

Title (de)

Verfahren zur Herstellung eines Metallblechs mit zumindest einer integrierten Zone mit Überdicke für eine Metaldichtung, insbesondere eine Zylinderkopfdichtung, sowie dadurch hergestelltes Metallblech

Title (fr)

Procédé de fabrication d'une feuille métallique avec au moins une zone de surépaisseur intégrée pour joint métallique serré, notamment un joint de culasse et feuille obtenue

Publication

**EP 1637249 A1 20060322 (FR)**

Application

**EP 05019601 A 20050909**

Priority

FR 0452117 A 20040921

Abstract (en)

The method involves forming a cut in a metal sheet (10) to obtain a sliver. The sliver is deformed by folding and elongating the sliver along a non-cut line so as to obtain an overlapping. The elongation of the sliver is carried out at a free end of the sliver. The sliver is leveled and projecting height of the sliver is calibrated to obtain an over thickness zone (24) of adapted height (h). An independent claim is also included for a metal gasket comprising a metal sheet.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [A] GB 2301636 A 19961211 - COOPERS PAYEN LIMITED [GB]
- [A] BE 392990 A
- [A] US 5348311 A 19940920 - MIYAOH YOSHIO [JP], et al
- [A] PATENT ABSTRACTS OF JAPAN vol. 2003, no. 12 5 December 2003 (2003-12-05)

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