

Title (en)
COLD ROLLED STEEL SHEET FOR GASKET MATERIAL, METHOD FOR PRODUCTION THEREOF AND GASKET MATERIAL PRODUCED BY THE METHOD

Title (de)
KALTGEWALZTES STAHLBLECH FÜR DICHTUNGSMATERIAL, HERSTELLUNGSVERFAHREN DAFÜR UND DAMIT HERGESTELLTES DICHTUNGSMATERIAL

Title (fr)
TOLE D'ACIER LAMINEE A FROID POUR JOINTS, SON PROCEDE DE FABRICATION, ET JOINTS EN ETANT FAIT

Publication
EP 1566460 A4 20060510 (EN)

Application
EP 03751436 A 20031010

Priority

- JP 0313001 W 20031010
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- JP 2003045421 A 20030224

Abstract (en)
[origin: EP1566460A1] A cold rolled steel sheet for a gasket material, characterized in that it has a chemical composition, in wt %: C: 0.08 to 0.60 %, Si: 1.0 to 3.0 %, Mn: 0.5 to 3.0 %, P <= 0.06 %, S; <= 0.06 %, Al: <= 0.1 %, N: 0.0010 to 0.0150 %, and the balance: Fe and inevitable impurities: and a method for producing the steel sheet. The cold collect steel sheet for a gasket material can provide a good balance between bead formability and spring characteristics, together with excellent gas sealing property, and can be produced at a low cost, and thus can be used for producing a gasket being suitably used at openings such as those for cooling water and a lubricating oil and a bolt hole. <IMAGE>

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C22C 38/00; **C21D 9/46**

IPC 8 full level
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Citation (search report)

- [DX] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 11 28 November 1997 (1997-11-28)
- [XA] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 14 5 March 2001 (2001-03-05)
- [A] PATENT ABSTRACTS OF JAPAN vol. 015, no. 259 (C - 0846) 2 July 1991 (1991-07-02)
- See references of WO 2004050931A1

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