

Title (en)
A BEARING COMPONENT

Title (de)
LAGERKOMPONENTE

Title (fr)
COMPOSANT DE PALIER

Publication
EP 2268841 A1 20110105 (EN)

Application
EP 09726170 A 20090325

Priority

- EP 2009002176 W 20090325
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- EP 09726170 A 20090325

Abstract (en)
[origin: WO2009118166A1] The present invention provides a bearing component formed from a steel composition comprising: (a) from 0.5 - 1.2 wt. % carbon, (b) from 0.15 - 2 wt. % silicon, (c) from 0.25 - 2 wt. % manganese, (d) from 0.85 - 3 wt. % chromium, (e) optionally one or more of the following elements from 0 - 5 wt. % cobalt, from 0 - 2 wt. % aluminium, from 0 - 0.6 wt. % molybdenum, from 0 - 0.5 wt. % nickel, from 0 - 0.2 wt. % vanadium, from 0 - 0.1 wt. % sulphur, from 0 - 0.1 wt. % phosphorous, and (f) the balance iron, together with unavoidable impurities.

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CPC (source: EP US)
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Citation (search report)
See references of WO 2009118166A1

Citation (third parties)
Third party :

- GB 2352726 A 20010207 - SECR DEFENCE [GB]
- BROWN P.M. AND BAXTER D.P.: "Hyper-strength bainitic steels", AIST PROCESS METALLURGY, PRODUCT QUALITY AND APPLICATIONS PROCEEDINGS. MATERIALSSCIENCE AND TECHNOLOGY CONFERENCE, 26 September 2004 (2004-09-26), pages 433 - 436, XP009130518
- "Cobalt", HUMAN HEALTH FACT SHEET - ARGONNE NATIONAL LABORATORY EVS, August 2005 (2005-08-01), pages 1 - 2, XP003028348

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