

Title (en)
SLIDING BEARING

Title (de)
GLEITLAGER

Title (fr)
PALIER LISSE

Publication
EP 2108055 A2 20091014 (DE)

Application
EP 07817782 A 20071107

Priority
• DE 2007001994 W 20071107
• DE 102006060474 A 20061219

Abstract (en)
[origin: WO2008074281A2] The present invention relates to a sliding bearing (10) having a carrier layer (12) made of a metallic material, a copper-based bearing metal layer (14) applied to the carrier layer (12), a diffusion barrier layer (16) applied to the bearing metal layer (14), and a sliding layer (18) made of tin that is applied to the diffusion barrier layer (16). The invention provides that the diffusion barrier layer (16) is made of pure iron.

IPC 8 full level
C23C 28/02 (2006.01)

CPC (source: EP)
C23C 2/04 (2013.01); **C23C 28/021** (2013.01); **C23C 28/023** (2013.01); **C23C 28/028** (2013.01); **F16C 33/121** (2013.01); **F16C 33/127** (2013.01); **F16C 2204/60** (2013.01)

Citation (search report)
See references of WO 2008074281A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 102006060474 A1 20080626; CN 201297342 Y 20090826; EP 2108055 A2 20091014; WO 2008074281 A2 20080626;
WO 2008074281 A3 20090507

DOCDB simple family (application)
DE 102006060474 A 20061219; CN 200720187556 U 20071219; DE 2007001994 W 20071107; EP 07817782 A 20071107