

Title (en)
MULTILAYER SLIDING BEARING ELEMENT

Title (de)
MEHRSCHICHTGLEITLAGERELEMENT

Title (fr)
ÉLÉMENT DE PALIER LISSE MULTICOUCHE

Publication
EP 4284965 A1 20231206 (DE)

Application
EP 22706225 A 20220126

Priority
• AT 500522021 A 20210128
• AT 2022060023 W 20220126

Abstract (en)
[origin: WO2022159997A1] The invention relates to a multilayer sliding bearing element (1) comprising an anti-friction layer (4) that contains, as its main component, a metal composition formed from at least three elements, A, B and C; wherein, for each of the elements A, B and C, a concentration gradient is formed in the axial direction (7) and, where appropriate, in the radial direction (8) of said multilayer sliding bearing element (1).

IPC 8 full level
C23C 28/00 (2006.01); **C23C 30/00** (2006.01); **F16C 17/00** (2006.01); **F16C 32/00** (2006.01); **F16C 33/06** (2006.01); **F16C 33/12** (2006.01)

CPC (source: AT EP)
B32B 1/08 (2013.01 - AT); **B32B 5/14** (2013.01 - AT); **B32B 7/02** (2013.01 - AT); **B32B 33/00** (2013.01 - AT); **C22C 5/04** (2013.01 - AT); **C22C 5/06** (2013.01 - AT); **C22C 9/00** (2013.01 - AT); **C22C 14/00** (2013.01 - AT); **C22C 19/00** (2013.01 - AT); **C22C 21/00** (2013.01 - AT); **C22C 38/00** (2013.01 - AT); **C23C 10/04** (2013.01 - AT); **C23C 14/04** (2013.01 - AT); **C23C 28/00** (2013.01 - EP); **C23C 30/00** (2013.01 - EP); **F16C 17/00** (2013.01 - AT); **F16C 33/201** (2013.01 - EP); **F16C 33/203** (2013.01 - EP); **F16C 33/208** (2013.01 - EP); **F16C 17/02** (2013.01 - EP); **F16C 2204/00** (2013.01 - EP); **F16C 2208/42** (2013.01 - EP); **F16C 2240/60** (2013.01 - EP); **F16C 2360/23** (2013.01 - EP)

Citation (search report)
See references of WO 2022159997A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2022159997 A1 20220804; AT 524722 A1 20220815; EP 4284965 A1 20231206

DOCDB simple family (application)
AT 2022060023 W 20220126; AT 500522021 A 20210128; EP 22706225 A 20220126