

Title (en)
GUIDE RAIL FOR A LINEAR BEARING

Title (de)
FÜHRUNGSSCHIENE FÜR EIN LINEARLAGER

Title (fr)
RAIL DE GUIDAGE POUR UN PALIER LINEAIRE

Publication
EP 1226364 A1 20020731 (DE)

Application
EP 00974453 A 20001025

Priority
• DE 19953462 A 19991105
• EP 0010497 W 20001025

Abstract (en)
[origin: DE19953462A1] A guide rail (5) for a linear bearing, comprising several through openings which extend from the surface of the rail (3) and are disposed behind each other at a distance from each other in the longitudinal direction of said rail for receiving fastening elements, in addition to a longitudinal groove (11) which extends along the entire length of the guide rail (5) in an open position with respect to the surface of said guide rail (3), whereby a closing body is partially or fully inserted therein and externally covers the through openings, said body being pressed into the guide rail (5) by means of elastic deformation and being secured therein as a result of the readjusting spring force. According to the invention, the closing body is comprised of an outer covering strip (7) in relation to guide rail (5) and an inner clamping strip (8) secured thereto, having clamping limbs (10) and spacers (9) which are arranged between the covering strip (7) and the clamping limbs (10).

IPC 1-7
F16C 29/08

IPC 8 full level
B23Q 1/58 (2006.01); **B23Q 11/08** (2006.01); **F16C 29/08** (2006.01)

CPC (source: EP)
B23Q 1/58 (2013.01); **B23Q 11/08** (2013.01); **F16C 29/082** (2013.01); **F16C 29/0645** (2013.01); **F16C 2322/39** (2013.01)

Citation (search report)
See references of WO 0133090A1

Designated contracting state (EPC)
AT BE CH CY DE ES FR IT LI

DOCDB simple family (publication)
DE 19953462 A1 20010510; **DE 19953462 B4 20170323**; EP 1226364 A1 20020731; WO 0133090 A1 20010510

DOCDB simple family (application)
DE 19953462 A 19991105; EP 0010497 W 20001025; EP 00974453 A 20001025