

Title (en)  
LINEAR GUIDE UNIT WITH LENGTH MEASURING SYSTEM

Title (de)  
LINEARFÜHRUNGSEINHEIT MIT LÄNGENMESSSYSTEM

Title (fr)  
UNITE DE GUIDAGE LINEAIRE COMPRENANT UN SYSTEME DE MESURE DE LONGUEUR

Publication  
**EP 1880114 A1 20080123 (DE)**

Application  
**EP 06742666 A 20060425**

Priority  
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• DE 102005021345 A 20050504

Abstract (en)  
[origin: WO2006117096A1] Disclosed is a linear guide unit, comprising a guiding carriage (2) that can be moved in the longitudinal direction on a guide rail (1) and a length measuring system provided with a measuring head (3) that cooperates with a material measure (4) arranged parallel to the guide rail (1), the material measure (4) being located at a distance from the guide rail (1) and arranged within the clearance profile of the linear guide unit.

IPC 8 full level  
**F16C 29/00** (2006.01); **G01D 11/02** (2006.01)

CPC (source: EP US)  
**F16C 29/0633** (2013.01 - EP US); **F16C 41/00** (2013.01 - EP US); **G01D 11/02** (2013.01 - EP US)

Citation (search report)  
See references of WO 2006117096A1

Citation (examination)  
DE 19526517 C1 19961212 - ZEISS CARL JENA GMBH [DE]

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CH DE ES FR IT LI

DOCDB simple family (publication)  
**DE 102005021345 A1 20061109**; CN 101171432 A 20080430; CN 101171432 B 20100519; EP 1880114 A1 20080123; JP 2008541024 A 20081120; US 2008189972 A1 20080814; US 7845092 B2 20101207; WO 2006117096 A1 20061109

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**DE 102005021345 A 20050504**; CN 200680015421 A 20060425; EP 06742666 A 20060425; EP 2006003773 W 20060425; JP 2008509330 A 20060425; US 91359106 A 20060425