

Title (en)
SLIDING DEVICE FOR DRAWER

Title (de)
GLEITVORRICHTUNG FÜR EINE SCHUBLADE

Title (fr)
DISPOSITIF DE GLISSEMENT POUR TIROIR

Publication
EP 2878227 A1 20150603 (EN)

Application
EP 13822268 A 20130718

Priority
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• KR 2013006408 W 20130718

Abstract (en)
Disclosed herein is a sliding device for guiding a drawer such that the drawer is extended from or retracted into a storage body. The sliding device includes sliding rails each having a pair of flanges, and balls slidably connecting the sliding rails to each other. Each flange includes a raceway in which a portion of the corresponding ball is disposed. The raceway guides the ball such that the ball rolls in a direction of extension or retraction of the drawer. The raceway includes a bent part and support surfaces. The bent part extends parallel to the direction of extension or retraction of the drawer. The bent part is concave in a direction in which the ball is inserted into the raceway. The support surfaces are disposed forming a symmetric structure with respect to an imaginary line connecting a center point of the ball to the bent part.

IPC 8 full level
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CPC (source: EP KR US)
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Designated contracting state (EPC)
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