

Title (en)

SLIDING RING FOR A SLIDING RING SEAL

Title (de)

GLEITRING FÜR EINE GLEITRINGDICHTUNG

Title (fr)

BAGUE DE GLISSEMENT POUR UN JOINT À BAGUE DE GLISSEMENT

Publication

**EP 2350504 A1 20110803 (DE)**

Application

**EP 09777936 A 20090818**

Priority

- EP 2009005968 W 20090818
- DE 102008038396 A 20080819

Abstract (en)

[origin: WO2010020394A1] The invention relates to a sliding ring (2) for a sliding ring seal, having at least one groove (1) being disposed on an upper side of the sliding ring (2), wherein the groove (1) comprises a feed region (3) leading toward the circumferential side of the sliding ring (2), wherein the feed region (3) of the groove (1) comprises a cross-sectional narrowing. In this manner the lift-off effect caused by a groove is further improved, and the friction of a sliding ring seal is substantially reduced. Furthermore, the lifespan of such seals is increased significantly.

IPC 8 full level

**F16J 15/34** (2006.01)

CPC (source: EP)

**F16J 15/3412** (2013.01)

Citation (search report)

See references of WO 2010020394A1

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

**DE 102008038396 A1 20100225**; EP 2350504 A1 20110803; WO 2010020394 A1 20100225

DOCDB simple family (application)

**DE 102008038396 A 20080819**; EP 09777936 A 20090818; EP 2009005968 W 20090818