

Title (en)
BRUSH SEAL

Title (de)
BÜRSTENDICHTUNG

Title (fr)
JOINT-BALAI

Publication
EP 2147237 A1 20100127 (EN)

Application
EP 07775451 A 20070416

Priority
US 2007009227 W 20070416

Abstract (en)
[origin: WO2008127244A1] A brush seal for sealing gaps, such as those found in gas turbine engines, includes a plurality of metallic bristles (22) mechanically captured by a support member (19). The support member (19) includes at least one flexible plate (30,32) extending at least substantially along the bristle length of the plurality of bristles. The support member is constructed and arranged to support the plurality of metallic bristles during operation.

IPC 8 full level
F16J 15/32 (2006.01)

CPC (source: EP)
F16J 15/3288 (2013.01)

Citation (search report)
See references of WO 2008127244A1

Citation (examination)
• WO 2008112432 A2 20080918 - REXNORD IND LLC [US], et al
• US 5794938 A 19980818 - HOEFNER HERMANN [DE], et al

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
WO 2008127244 A1 20081023; EP 2147237 A1 20100127; JP 2010525254 A 20100722

DOCDB simple family (application)
US 2007009227 W 20070416; EP 07775451 A 20070416; JP 2010504024 A 20070416