

Title (en)
Turbomachine seal assembly

Title (de)
Dichtungsanordnung für eine Turbomaschine

Title (fr)
Ensemble de joints de turbomachine

Publication
EP 2236768 A3 20141224 (EN)

Application
EP 10155312 A 20100303

Priority
US 40280809 A 20090312

Abstract (en)
[origin: EP2236768A2] A machine (100) and a seal (108, 904) assembly (101) for a machine (100) having a rotating shaft (106), a wheel (104) coupled to the rotating shaft (106), the wheel (104) including a bucket (102) coupled to the wheel (104) comprising a seal (108, 904) that extends along a side of the bucket (102) and the wheel (104), covering an interface (804) there between.

IPC 8 full level
F01D 11/00 (2006.01)

CPC (source: EP US)
F01D 5/082 (2013.01 - EP US); **F01D 11/006** (2013.01 - EP US); **F01D 11/04** (2013.01 - EP US); **F05D 2240/55** (2013.01 - EP US); **F05D 2240/57** (2013.01 - EP US)

Citation (search report)

- [X] JP 2007032282 A 20070208 - KAWASAKI HEAVY IND LTD
- [X] US 2004062643 A1 20040401 - BRAUER JOHN CHRISTOPHER [US], et al
- [X] US 4480958 A 19841106 - SCHLECHTWEG RONALD E [US]
- [X] US 3807898 A 19740430 - GUY K, et al
- [X] JP S61205303 A 19860911 - MITSUBISHI HEAVY IND LTD
- [A] EP 1905955 A1 20080402 - SIEMENS AG [DE]

Cited by
EP2949873A1; EP2586988A1; FR2999641A1; EP3757473A1; US10337344B2; WO2015180946A1; US9217334B2; US10851661B2

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

Designated extension state (EPC)
AL BA ME RS

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 10155312 A 20100303; CN 201010146888 A 20100312; JP 2010052474 A 20100310; US 40280809 A 20090312