Title (en)

SEALING ARRANGEMENT AND METHOD FOR PRODUCING A SEALING BODY FOR A SEALING ARRANGEMENT

Title (de)

DICHTUNGSANORDNUNG UND VERFAHREN ZUR HERSTELLUNG EINES DICHTKÖRPERS FÜR EINE DICHTUNGSANORDNUNG

Title (fr)

SYSTEME DE GARNITURE D'ETANCHEITE ET PROCEDE DE PRODUCTION D'UN CORPS D'ETANCHEITE POUR UN SYSTEME DE GARNITURE D'ETANCHEITE

Publication

**EP 1766194 A1 20070328 (DE)**

Application

**EP 05763723 A 20050705**

Priority

• DE 2005001177 W 20050705
• DE 102004034312 A 20040715

Abstract (en)

[origin: WO2006005308A1] The invention relates to a sealing arrangement for a non-positive displacement machine for sealing a gap (11) between a rotor (12) and a stator (13), comprising at least one first sealing body (14), which is preferably assigned to the stator, and at least one blade-shaped second sealing body (15), which is preferably assigned to the rotor and which interacts with the or each first sealing body (14). According to the invention, the or each first sealing body (14) comprises a base body (16) and a porous wearing body (17), said base body (16) and wearing body (17) having a graduated material composition.

IPC 8 full level

**F01D 11/12** (2006.01); **C23C 10/38** (2006.01); **C23C 10/48** (2006.01); **C23C 28/00** (2006.01)

CPC (source: EP US)

**C23C 10/02** (2013.01 - EP US); **C23C 26/02** (2013.01 - EP US); **F01D 5/225** (2013.01 - EP US); **F01D 11/02** (2013.01 - EP US); **F01D 11/122** (2013.01 - EP US); F05D 2230/22 (2013.01 - EP US); F05D 2240/55 (2013.01 - EP US); F05D 2300/121 (2013.01 - EP US); F05D 2300/132 (2013.01 - EP US); Y10T 29/49826 (2015.01 - EP US)

Citation (search report)

See references of WO 2006005308A1

Citation (examination)

• DE 4123595 A1 19930121 - POLONYI STEFAN PROF DIPL ING D [DE]
• US 4897315 A 19900130 - GUPTA DINESH K [US]

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 NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**DE 102004034312 A1 20060202**; EP 1766194 A1 20070328; US 2008258404 A1 20081023; WO 2006005308 A1 20060119

DOCDB simple family (application)

**DE 102004034312 A 20040715**; DE 2005001177 W 20050705; EP 05763723 A 20050705; US 63233205 A 20050705