

Title (en)

DEVICE FOR SEALING A PROJECTION ILLUMINATION SYSTEM

Title (de)

VORRICHTUNG ZUM ABDICHTEN EINER PROJEKTIONSBELECHTUNGSANLAGE

Title (fr)

DISPOSITIF POUR RENDRE ETANCHE UN DISPOSITIF D'ECLAIRAGE PAR PROJECTION

Publication

**EP 1532485 A2 20050525 (DE)**

Application

**EP 03755549 A 20030826**

Priority

- DE 10239344 A 20020828
- EP 0309427 W 20030826

Abstract (en)

[origin: DE10239344A1] A light projection unit (1) comprises an illumination system (3), a reticule (5) a projection objective (7) and an image plane with intermediate spaces open to the surroundings between the elements. A gas distribution unit (8) flows noble gas or nitrogen into at least one space to seal spaces against the surroundings.

IPC 1-7

**G03F 7/00**

IPC 8 full level

**G03B 27/52** (2006.01); **G03F 7/20** (2006.01)

CPC (source: EP KR US)

**G03B 27/52** (2013.01 - EP US); **G03F 7/00** (2013.01 - KR); **G03F 7/20** (2013.01 - KR); **G03F 7/70808** (2013.01 - EP US); **G03F 7/70933** (2013.01 - EP US)

Citation (search report)

See references of WO 2004025368A2

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DOCDB simple family (publication)

**DE 10239344 A1 20040311**; AU 2003273394 A1 20040430; CN 1695094 A 20051109; EP 1532485 A2 20050525; JP 2006515954 A 20060608; KR 20050044800 A 20050512; US 2005206860 A1 20050922; US 7130017 B2 20061031; WO 2004025368 A2 20040325; WO 2004025368 A3 20040923

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