

Title (en)
PROJECTION OBJECTIVE HAVING A HIGH APERTURE AND A PLANAR END SURFACE

Title (de)
PROJEKTIONSOBJEKTIV MIT EINER HOHEN APERTUR UND EINER PLANARENDOBERFLÄCHE

Title (fr)
OBJECTIF DE PROJECTION A GRANDE OUVERTURE ET SURFACE D'EXTREMITÉ PLANE

Publication
EP 1697798 A2 20060906 (EN)

Application
EP 04803712 A 20041210

Priority

- EP 2004014062 W 20041210
- US 73462303 A 20031215
- US 53062303 P 20031219
- US 53097803 P 20031222
- US 53624804 P 20040114
- US 54496704 P 20040213
- US 56800604 P 20040504
- US 58750404 P 20040714
- US 59177504 P 20040727
- US 59220804 P 20040729
- US 61282304 P 20040924
- US 61767404 P 20041013
- DE 102004051730 A 20041022

Abstract (en)
[origin: WO2005059617A2] A projection objective for imaging a pattern provided in an object plane of the projection objective onto an image plane of the projection objective suitable for microlithography projection exposure machines has a plurality of optical elements transparent for radiation at an operating wavelength of the projection objective. At least one optical element is a high-index optical element made from a high-index material with a refractive index $n \geq 1.6$ at the operating wavelength.

IPC 8 full level
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CPC (source: EP KR)
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