

Title (en)

ABERRATION CORRECTING OPTICAL RELAY FOR OPTICAL SYSTEM, IN PARTICULAR MIRROR TELESCOPE

Title (de)

OPTISCHES RELAIS ZUR ABERRATIONSKORREKTUR EINES OPTISCHEN SYSTEMS, INSBESONDERE EINES SPIEGELTELESKOPS

Title (fr)

RELAIS OPTIQUE CORRECTEUR D'ABERRATIONS POUR SYSTEME OPTIQUE, NOTAMMENT TELESCOPE A MIROIRS

Publication

EP 1261891 A2 20021204 (FR)

Application

EP 01913953 A 20010307

Priority

- FR 0100683 W 20010307
- FR 0002911 A 20000307

Abstract (en)

[origin: FR2806170A1] The optical relay consists of front and rear convergent optical blocks (2, 3) and one or two meniscus correcting lenses (4) between them. Each meniscus lens has main faces which are preferably precisely concentric and the convergent blocks are located on the same axis (S). The front convergent block (2), located before the meniscus lens(es) is positioned so that a distance between an image point (I, I') of the system and the front block is equal to the focal length of the block, so that it converts a beam from the image point into a parallel beam.

IPC 1-7

G02B 17/08; **G02B 23/06**

IPC 8 full level

G02B 27/00 (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 0167153A2

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FR 2806170 A1 20010914; **FR 2806170 B1 20030620**; AU 3935501 A 20010917; CA 2401328 A1 20010913; EP 1261891 A2 20021204; US 2003021024 A1 20030130; US 6735014 B2 20040511; WO 0167153 A2 20010913; WO 0167153 A3 20020228

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