

Title (en)

OPTICAL SYSTEM WITH BEAM PROPAGATION EXTENSION

Title (de)

OPTISCHES SYSTEM MIT STRAHLAUSBREITUNGSERWEITERUNG

Title (fr)

SYSTEME OPTIQUE A EXTENSION DE PROPAGATION DE FAISCEAU

Publication

**EP 1797413 A1 20070620 (FR)**

Application

**EP 05810795 A 20051006**

Priority

- FR 2005050821 W 20051006
- FR 0452298 A 20041007

Abstract (en)

[origin: WO2006037932A1] The invention concerns an optical system with optical beam propagation extension (21) comprising an optical beam input and output. The system comprises at least two beam reflecting optical elements (22, 23) configured to extend the propagation of the beam by reflection on the reflection elements, the optical system also comprising at least one beam-transmitting optical element (20) adapted to be traversed at least twice by said optical beam along different directions during its propagation in the optical system, the transmitting optical element providing an optical transformation of the beam at each passage so as to correct its divergence.

IPC 8 full level

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CPC (source: EP US)

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