

Title (en)
DEVICE FOR CONCENTRATING SUNLIGHT

Title (de)
VORRICHTUNG ZUR KONZENTRATION VON SONNENLICHT

Title (fr)
DISPOSITIF POUR CONCENTRER LA LUMIERE DU SOLEIL

Publication
EP 1771687 A1 20070411 (DE)

Application
EP 05763326 A 20050704

Priority

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- DE 102004054755 A 20041112

Abstract (en)
[origin: WO2006005303A1] The invention relates to a device for concentrating incident light (7), particularly sunlight, comprised of a number of adjacently arranged reflector units each having at least one displaceable reflective surface (2), a drive unit for displacing the reflective surface (2), and a control unit, which is connected to the drive units and designed so that it controls the drive units according the incidence of light in order to concentrate the incident light (7). The at least one reflective surface (2) of each reflector unit has a surface area ranging from 10^{-8} m² to 0.5 m², and can be displaced about at least two axes (3), and the drive units are provided in the form of microactuators.

IPC 8 full level
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CPC (source: EP)
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Citation (search report)
See references of WO 2006005303A1

Citation (examination)
WO 2005059621 A1 20050630 - UNIV KASSEL [DE], et al

Cited by
DE102009045582A1; WO2011045121A1

Designated contracting state (EPC)
DE ES GR IT

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