

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2031/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :15/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : APPARATUS FOR FOCUS OPTIMIZATION AND TRACKING OF SUN BY SOLAR CONCENTRATORS

(51) International classification	:H01L31/052,G02B26/08
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

**1)MULLER, HANS CHRISTOPH**

Address of Applicant :CORONEL ARIAS 1091, POSTAL CODE: 4600, SAN SALVADOR DE JUJUY, JUJUY, ARGENTINA.

(72)Name of Inventor :

**1)MULLER, HANS CHRISTOPH**

(57) Abstract :

Disclosed is a system for focus optimization and tracking of sun by solar concentrators. The system comprises one or more solar concentrators, at least one imaging device per focus, at least one processor, at least one drive unit, and a plurality of actuators. The system performs tracking of sun by the plurality of solar concentrator on basis of a real focus position obtained by the plurality of imaging devices rather than on calculated or measured sun position. The system optimizes size and position of the focus until a maximum efficiency of the solar system is achieved.

No. of Pages : 12 No. of Claims : 2