

Title (en)

A CONCENTRATING SOLAR COOKER OF THE BOX TYPE, USING CPC-TYPE OPTICS

Title (de)

KONZENTRIERENDER SOLARKOCHER MIT GEHÄUSE UND CPC-OPTIK

Title (fr)

CUISINIÈRE SOLAIRE A CONCENTRATEUR DE TYPE BOITIER ET UTILISANT DES OPTIQUES DE TYPE MIROIR COMPOSE

Publication

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Application

EP 02708857 A 20020306

Priority

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Abstract (en)

[origin: WO02075226A1] Solar cooker of the concentrating type, using Compound Parabolic Concentrator type optics (2, 2') comprising a box (1), inside which all its accessories and cooking utensils can be carried; the box being essentially made of plastic compatible with the production of complicated curves characteristic of the referred optics. The present invention includes a version in which electrical energy is used as backup for days without sunshine. Its application extends to other areas beyond the cooking of foodstuffs, in particular to the pasteurisation of water, milk and other products and its usage as a drying system.

IPC 1-7

F24J 2/02; **F24J 2/10**

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 02075226A1

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