

Optimized box-like solar oven



Renewable
energies

Description

This solar oven is designed to operate all year long with only three position adjustments and four movements during this period. The design of fixed mirrors allows its operation in the inter-tropical region in days of medium radiation. The operation of this solar cooker is useful and safe. The novelty of the intertropical solar oven design avoids frequent adjustments of the reflectors, at the time of decreasing cooking times compared with designs.

Application

Heating or water disinfection, cooking and sterilization of domestic, surgical or healing tools.

Stage of development

Pre-commercial prototype

IP status

Patent application No. MX/a/2007/007127

Market potential

The Southeast and Southwest regions of Mexico are inhabited by more than 18 million people from which 6% lack of services such as energy supply.

Transferring conditions

- ✓ Technological development agreement (optional).
- ✓ Licensing (includes front payment and royalties)



Contacto UNAM:

UNAM Contact:

Ing. César León
cesar.leon@unam.mx
+52 (55) 56 58 56 50
Ext. 208

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