**Optimized box-like solar oven**

**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)