

Title (en)
Non-pollution steam boiler.

Title (de)
Verschmutzungsfreier Dampfkessel.

Title (fr)
Générateur de vapeur non-polluant.

Publication
EP 0551546 A1 19930721 (EN)

Application
EP 92100686 A 19920116

Priority
EP 92100686 A 19920116

Abstract (en)
This invention relates to a non-fuel and non-pollution steam boiler taking advantage of the long waves of a Laser as a heat energy source to generate steam in a boiler. The integral equipments contains 1. a Laser transmitter which includes a set of storage batteries to provide high voltage, via vibrator, to emit an intermittent pulse laser through ruby or carbon dioxide to achieve an energy of heat. 2. a unit of heating unit that can entirely receive heat energy from light of laser. 3. a similar to conventional fire-tube steam boiler at the bottom of which are installed heating unit in small pipe/pipes instead of fire-tube. 4. an electrogenerator driven by steam turbine specially to charge storage battery. <IMAGE>

IPC 1-7
F22B 1/00

IPC 8 full level
F22B 1/00 (2006.01)

CPC (source: EP)
F22B 1/00 (2013.01)

Citation (search report)
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