

Title (en)
DEVICE FOR EXTRACTING FRESH WATER

Title (de)
EINRICHTUNG ZUR SÜSSWASSERGEWINNUNG

Title (fr)
DISPOSITIF D'EXTRACTION D'EAU DOUCE

Publication
EP 0910444 A1 19990428 (DE)

Application
EP 97931703 A 19970703

Priority
• DE 9701403 W 19970703
• DE 19626758 A 19960703

Abstract (en)
[origin: DE19728494A1] A solar powered evaporator for obtaining potable water from salt, lake, or brackish water has a trough (2) for the raw water. An arrangement to collect solar energy includes a transparent window (4) above the trough (2) to admit sunlight, and on which water vapour from the trough condenses. A trap (11) collects condensate which drips from the window (4). The novelty is that the depth of water in the trough (2) is less than 50 mm.

IPC 1-7
B01D 1/00; C02F 1/14

IPC 8 full level
C02F 1/14 (2006.01); **C02F 1/44** (2006.01)

CPC (source: EP)
C02F 1/14 (2013.01); **C02F 1/44** (2013.01); **Y02A 20/124** (2017.12); **Y02A 20/131** (2017.12); **Y02A 20/142** (2017.12); **Y02A 20/211** (2017.12); **Y02A 20/212** (2017.12)

Citation (search report)
See references of WO 9801202A1

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DE ES GR IT PT

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