

Title (en)
SEAWATER DESALINATION PLANT

Title (de)
MEERWASSERENTSALZUNGSANLAGE

Title (fr)
INSTALLATION DE DESSALEMENT D'EAU DE MER

Publication
EP 1791790 A1 20070606 (DE)

Application
EP 05785071 A 20050914

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Abstract (en)
[origin: WO2006029603A1] The invention relates to a seawater desalination plant comprising a cascade of evaporation bodies which are connected by a line system which guides the sea water containing salt. Each cascade can be impinged upon by low pressure. The seawater is guided to the evaporation bodies after having flown through the cascades, such that it can be successively evaporated. In order to improve the energy balance of the plant, an arrangement of heat exchangers (WT) is placed at least in the supply line of the sea water and a water pump (WP) is connected to one or several heat exchangers (WT).

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