

Title (en)
SOLAR THERMAL PLANT

Title (de)
SOLARTHERMISCHE ANLAGE

Title (fr)
INSTALLATION THERMOSOLAIRE

Publication
EP 2737207 A2 20140604 (DE)

Application
EP 12728414 A 20120515

Priority
• DE 102011108857 A 20110728
• EP 2012059040 W 20120515

Abstract (en)
[origin: WO2013013851A2] A solar thermal plant is proposed, comprising a receiver unit (16) and a heliostat array (14), in which a multiplicity of heliostats (12) are arranged, distributed over a number of sectors (50A to 50G, 58A to 58F), which comprise sectors of a circle (50A to 50G), which respectively comprise rows (52) of heliostats (12) arranged along parallel lines. The normal to the line of one sector of a circle (50A to 50G) is set with respect to the normal to the line of every other sector of a circle (50A to 50G) and the sectors of a circle (50A to 50G) respectively have a receiver-near portion (54), in which the sectors of a circle (50A to 50G) are arranged adjacent to one another, and a receiver-remote portion (56). Respectively arranged between two sectors of a circle (50A to 50G) in the region of the receiver-remote portions (56) thereof there is at least one intermediate sector (58A to 58F), in which heliostats (12) are arranged in rows (59) along parallel lines of which the normal is set with respect to the normals of all the other sectors of a circle (50A to 50G).

IPC 8 full level
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CPC (source: EP)
F03G 6/067 (2013.01); **F24S 20/20** (2018.04); **F24S 23/70** (2018.04); **Y02E 10/46** (2013.01)

Citation (search report)
See references of WO 2013013851A2

Designated contracting state (EPC)
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DOCDB simple family (publication)
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