

CPC COOPERATIVE PATENT CLASSIFICATION

F MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING (NOTE omitted)

LIGHTING; HEATING

F24 HEATING; RANGES; VENTILATING (NOTE omitted)

F24T GEOTHERMAL COLLECTORS; GEOTHERMAL SYSTEMS

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|-------|--|---------|---|
| 10/00 | Geothermal collectors | 10/40 | <ul style="list-style-type: none"> operated without external energy sources, e.g. using thermosiphonic circulation or heat pipes |
| | <u>WARNING</u> | | <u>WARNING</u> |
| | Group F24T 10/00 is impacted by reclassification into groups F24T 10/10 , F24T 10/30 , F24T 10/40 , and F24T 50/00 . | | Group F24T 10/40 is incomplete pending reclassification of documents from groups F24T 10/00 , F24T 10/10 , and F24T 10/30 . |
| | All groups listed in this Warning should be considered in order to perform a complete search. | | All groups listed in this Warning should be considered in order to perform a complete search. |
| 10/10 | <ul style="list-style-type: none"> with circulation of working fluids through underground channels, the working fluids not coming into direct contact with the ground | 2010/50 | <ul style="list-style-type: none"> {Component parts, details or accessories} |
| | <u>WARNING</u> | | <u>WARNING</u> |
| | Group F24T 10/10 is incomplete pending reclassification of documents from group F24T 10/00 . | | Group F24T 50/00 is incomplete pending reclassification of documents from group F24T 10/00 . |
| | Group F24T 10/10 is also impacted by reclassification into groups F24T 10/30 and F24T 10/40 . | | Groups F24T 10/00 and F24T 50/00 should be considered in order to perform a complete search. |
| | All groups listed in this Warning should be considered in order to perform a complete search. | 2010/53 | <ul style="list-style-type: none"> {Methods for installation} |
| | | 2010/56 | <ul style="list-style-type: none"> {Control arrangements} |
| 10/13 | <ul style="list-style-type: none"> using tube assemblies suitable for insertion into boreholes in the ground, e.g. geothermal probes | 50/00 | Geothermal systems (for producing mechanical power from geothermal energy {F03G 7/04}) |
| 10/15 | <ul style="list-style-type: none"> using bent tubes; using tubes assembled with connectors or with return headers | | <u>WARNING</u> |
| 10/17 | <ul style="list-style-type: none"> using tubes closed at one end, i.e. return-type tubes | | Group F24T 50/00 is incomplete pending reclassification of documents from group F24T 10/00 . |
| 10/20 | <ul style="list-style-type: none"> using underground water as working fluid; using working fluid injected directly into the ground, e.g. using injection wells and recovery wells | | Groups F24T 10/00 and F24T 50/00 should be considered in order to perform a complete search. |
| 10/30 | <ul style="list-style-type: none"> using underground reservoirs for accumulating working fluids or intermediate fluids | 2201/00 | Prediction; Simulation |
| | <u>WARNING</u> | | |
| | Group F24T 10/30 is incomplete pending reclassification of documents from groups F24T 10/00 and F24T 10/10 . | | |
| | Group F24T 10/30 is also impacted by reclassification into group F24T 10/40 . | | |
| | All groups listed in this Warning should be considered in order to perform a complete search. | | |