

EUROPEAN PATENT OFFICE  
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1547

DATE: MAY 1, 2024

PROJECT DP12239

**The following classification changes will be effected by this Notice of Changes:**

| <u>Action</u>         | <u>Subclass</u> | <u>Group(s)</u> |
|-----------------------|-----------------|-----------------|
| <b>DEFINITIONS:</b>   |                 |                 |
| Definitions Modified: | F03G            | 4/02, 4/029     |

**No other subclasses/groups are impacted by this Notice of Changes.**

**This Notice of Changes includes the following** *[Check the ones included]:*

1. CLASSIFICATION SCHEME CHANGES

- A. New, Modified or Deleted Group(s)
- B. New, Modified or Deleted Warning(s)
- C. New, Modified or Deleted Note(s)
- D. New, Modified or Deleted Guidance Heading(s)

2. DEFINITIONS

- A. New or Modified Definitions (Full definition template)
- B. Modified or Deleted Definitions (Definitions Quick Fix)

3.  REVISION CONCORDANCE LIST (RCL)

4.  CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)

5.  CHANGES TO THE CROSS-REFERENCE LIST (CRL)

## 2. A. DEFINITIONS (modified)

### F03G 4/02

#### Definition statement

Replace: The existing Definition statement so that the text and images appear as follows:

Single-cycle plants where the source fluid is the working fluid.

In such a single cycle power plant there is only one fluid cycle. This implies that the source fluid extracting the heat from the geothermal well and the working fluid typically driving a steam turbine are the same.

In this place, it is not relevant if the source fluid as such is in direct contact with the geothermal well rock or not. In this place, the source fluid can be either in direct contact with the rock or could flow through a piping that is only in thermal exchange with the rock.

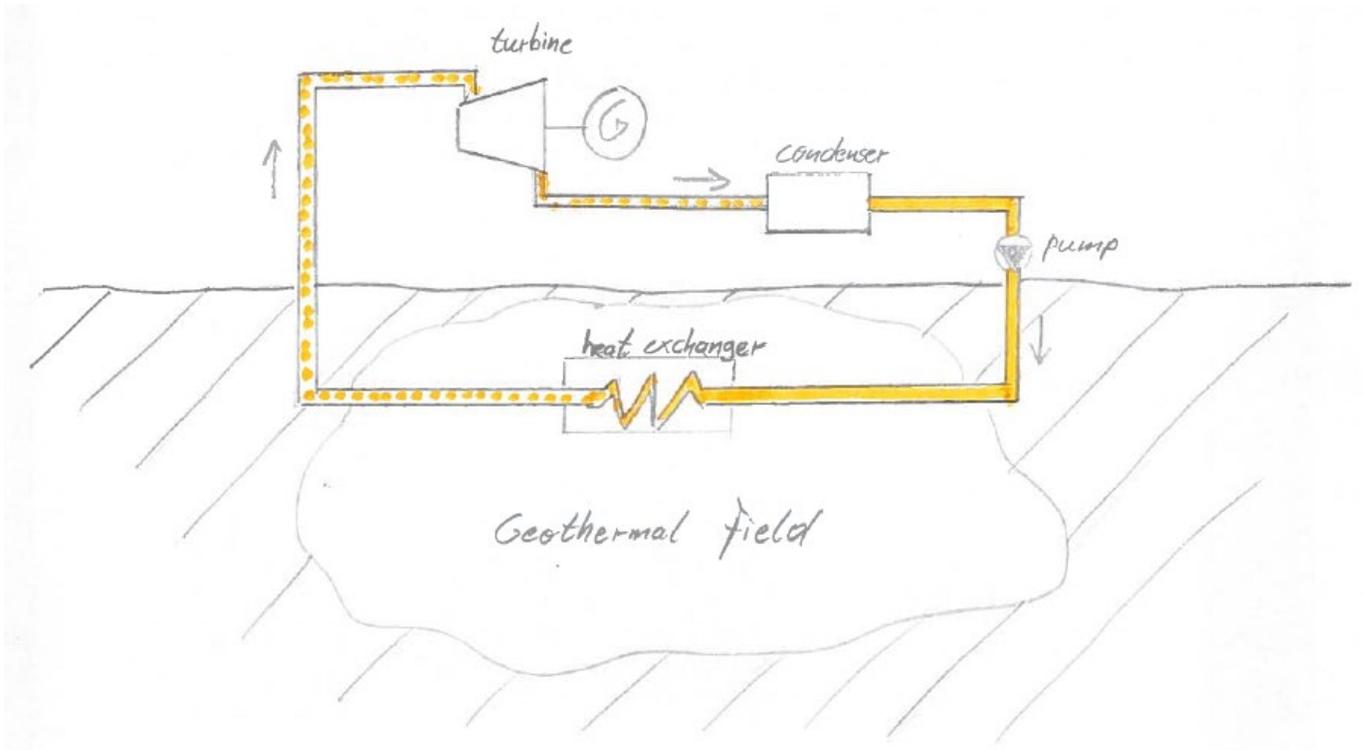
Illustrative examples of subject matter classified in this place:

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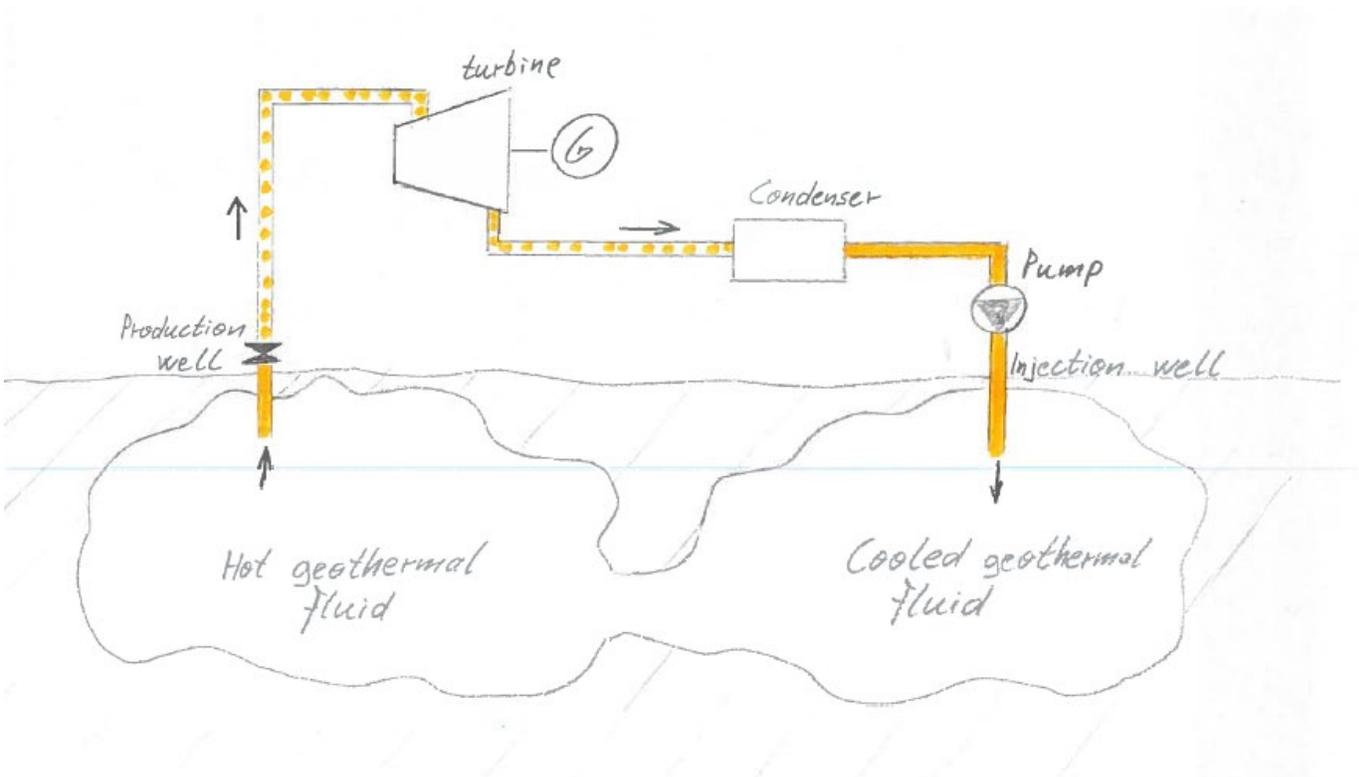
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1.



2.



**F03G 4/029**

**Definition statement**

Replace: The existing Definition statement so that the text and images appear as follows:

Closed-loop geothermal collectors. The source fluid flows through a piping that is in thermal exchange with the rock. There is no direct contact between the source fluid and (dry) rock in the geothermal well.

In this place, both closed-loop geothermal collectors being part of a binary-cycle-type (F03G4/001) as well as of a single-cycle-type geothermal power plant (F03G4/02) are covered.

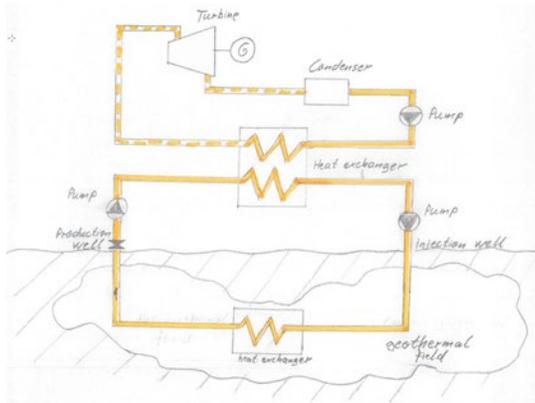
Illustrative examples of subject matter classified in this place:

1. Closed-loop geothermal collector of the binary-cycle type

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2. Closed-loop geothermal collector of the single-cycle type

