

Title (en)

METHOD FOR MECHANICAL ENERGY PRODUCTION FROM HEAT USING A MIXTURE OF FLUIDS AS THE WORKING FLUID

Publication

EP 0041005 B1 19850807 (FR)

Application

EP 81400755 A 19810512

Priority

FR 8011649 A 19800523

Abstract (en)

[origin: US4422297A] Mechanical power is generated by a process comprising (a) progressive vaporization of a mixture of fluids, (b) expansion of the resultant vapor, (c) condensation of the vapor and (d) recycling to step (a) of the liquid phase obtained in step (c). The heat exchanges are effected counter-currently, thus providing parallel evolutions of temperature. The condensation is effected in a temperature interval of from 7 DEG to 30 DEG C.

IPC 1-7

F01K 25/06

IPC 8 full level

F01K 25/06 (2006.01); **F01K 25/10** (2006.01)

CPC (source: EP US)

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Citation (examination)

- DE 2215868 A1 19721026 - THERMO ELECTRON CORP [US]
- FR 2337855 A1 19770805 - INST FRANCAIS DU PETROLE [FR]
- US 3516248 A 19700623 - MCEWEN MALCOLM
- Handbuch der Kältetechnik (herausg. v. R. Plank) 6. Band, Teil A, page 494 (Springer 1969)

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EP0137211A3; DE102010024487A1; WO8504216A1; WO2014040875A3

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DOCDB simple family (publication)

EP 0041005 A1 19811202; EP 0041005 B1 19850807; AT E14778 T1 19850815; DE 3171684 D1 19850912; FR 2483009 A1 19811127; FR 2483009 B1 19820723; JP S5728819 A 19820216; US 4422297 A 19831227

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