

Title (en)
HEAT PUMP ARRANGEMENT.

Title (de)
WÄRMEPUMPENANORDNUNG.

Title (fr)
AGENCEMENT DE POMPES A CHALEUR.

Publication
EP 0069756 A1 19830119 (DE)

Application
EP 82900346 A 19820119

Priority
• DE 3102247 A 19810119
• DE 3106152 A 19810216

Abstract (en)
[origin: EP0056780A2] In the circulation circuit of the working fluid of a first heat pump (1, 5, 6, 8, 10) there is arranged a second heat pump (11 to 14) so that it produces directly a cooling of the fluid. With this arrangement, owing to the second heat pump, the over cooling enthalpy is used and the heat thus obtained, brought to a higher temperature level, may be dissipated as useful heat in addition to the heat provided by the first heat pump.

Abstract (fr)
Dans le circuit de circulation du fluide de travail d'une premiere pompe a chaleur (1, 5, 6, 8, 10) est inseree une deuxieme pompe a chaleur (11 a 14) de sorte qu'elle produit directement un refroidissement du fluide. Avec cet agencement, on utilise, a l'aide de la deuxieme pompe a chaleur, l'enthalpie de surrefroidissement et la chaleur ainsi obtenue, portee a un niveau de temperature plus eleve, peut etre dissipee comme chaleur utile en plus de celle fournie par la premiere pompe a chaleur.

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CPC (source: EP US)
F25B 7/00 (2013.01 - EP US); **F25B 29/003** (2013.01 - EP); **F25B 1/04** (2013.01 - EP); **F25B 9/006** (2013.01 - EP); **F25B 40/02** (2013.01 - EP); **F25B 41/20** (2021.01 - EP US); **F25B 49/022** (2013.01 - EP); **F25B 2400/061** (2013.01 - EP); **F25B 2400/075** (2013.01 - EP); **F25B 2400/0751** (2013.01 - EP); **F25B 2400/13** (2013.01 - EP)

Cited by
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Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 0056780 A2 19820728; **EP 0056780 A3 19820825**; DE 3106152 A1 19820826; DE 3264958 D1 19850905; DK 410582 A 19820914; EP 0069756 A1 19830119; EP 0069756 B1 19850731; WO 8202588 A1 19820805

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