

Title (en)

Method of and means for purging noncondensable gases from condensers or the like.

Title (de)

Verfahren und Vorrichtung zum Abführen nichtkondensierbarer Gase aus Kondensatoren oder dergleichen.

Title (fr)

Méthode et dispositif pour purger les gaz non condensables des condenseurs ou équivalents.

Publication

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Application

EP 90307065 A 19900628

Priority

US 37275789 A 19890629

Abstract (en)

Condenser fluid, comprising vaporized working fluid and non-condensable gases, is treated by extracting fluid from the condenser (16A) and pressuring the fluid to liquefy the vaporized working fluid therein in such a way that the non-condensable gases are separated from the working fluid and can be vented from the extracted fluid. A piston (36) draws the vaporized fluid into a chamber (32) through an open valve (33). The valve is then closed and the fluid is compressed by the piston (36), the fluid being cooled by a cooling coil (53), so that working fluid condenses, whereupon the non-condensed gases are vented (valve 39). The valve (33) is then opened so that the working fluid can flow back into the condenser (16A).

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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