

Title (en)

A device for separating oil from a refrigerant.

Title (de)

Vorrichtung zum Abscheiden von Öl aus einem Kältemittel.

Title (fr)

Dispositif pour séparer l'huile du fluide réfrigérant.

Publication

EP 0016509 A2 19801001 (EN)

Application

EP 80200272 A 19800321

Priority

NL 7902319 A 19790323

Abstract (en)

Device for separating oil from a refrigerant comprising a separator (1) and a heat exchanger (2), said separator (1) having an inlet (3) passing through the heat exchanger (2) for refrigerant including oil from a compressor, and an outlet (13) for the separated oil to be returned to the compressor, whereby the separator comprises a primary and a secondary section, the primary section being located above the secondary section and the oil-rich mixture of refrigerant and oil formed in the primary section being passed through the outlet (13) to the heat exchanger (2), where the refrigerant is evaporated by the heat of the refrigerant and oil passing through the inlet (3) and whereby liquid refrigerant is continuously discharged from the separator (1) through a line (8) and is returned to the inlet (3) on a constant amount.

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CPC (source: EP)

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Cited by

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