

Title (en)

LIQUID SEPARATOR FOR A SET OF AIR OR WATER COOLED REFRIGERATION MACHINES FOR PERMANENT OIL RETURN

Publication

EP 0260336 B1 19900808 (DE)

Application

EP 86112791 A 19860916

Priority

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Abstract (en)

[origin: EP0260336A1] 1. A liquid separator for a refrigerating machine set comprising a container (2) provided with a visual control, an input connection (4) on the container for connecting one or several vaporizers, an intake connection (5) disposed on the upper side of the container for connecting the container to one or more compressors, a nozzle (11) disposed in the intake connection (5), and a calibrated ascending pipe (6.1) extending from the bottom area of the container (2) into the nozzle, characterized in that the intake connection (5) comprises a nipple (10.1) provided on the container, and an angular adapter (10) detachably secured thereto, that the ascending pipe (6.1), through master vanes (6.2), is centered in the nipple (10.1) and the nozzle (11), in the branch of the angular adapter (10) coupled to the nipple (10.1) is replaceably discused thereto, that the ascending pipe (6.1), through master vanes (6.2), is centered in the nipple (10.1) and the nozzle (11), in the branch of the angular adapter (10) coupled to the nipple (10.1) is replaceably disposed such that, during operation, the oil taken in through the ascending pipe, along the walls of the angular adapter, forms a boundary layer migrating in the direction of flow.

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IPC 8 full level

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CPC (source: EP)

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