

Title (en)
Refrigerating or heat-pump system.

Title (de)
Kälte- oder Wärmepumpensystem.

Title (fr)
Système frigorifique ou à pompe à chaleur.

Publication
EP 0205670 A1 19861230 (EN)

Application
EP 85200969 A 19850619

Priority
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Abstract (en)
The invention relates to a refrigerating or heat-pump system in which the compressor (2) has a cylinder (8) with a bypass (24) by means of which the suction part (18, 19, 20) can be made to communicate with the compression space (21) by controlling a valve member (26). In order to improve the efficiency of the system during continuous operation it is proposed to control the valve member (26) electromagnetically and to reduce the power of the electric motor of the compressor in an efficient manner when the bypass (24) is opened.

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IPC 8 full level
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F04B 49/12 (2013.01 - EP US); **F04B 49/24** (2013.01 - EP); **F25B 49/022** (2013.01 - EP US); **F25B 41/39** (2021.01 - EP US)

Citation (search report)

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EP0575880A1; EP0722667A1; US5653118A

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