

Title (en)
ABSORPTION REFRIGERATOR CABINET

Publication
EP 0010181 B1 19820106 (DE)

Application
EP 79103576 A 19790922

Priority
CH 1076378 A 19781018

Abstract (en)
[origin: US4296613A] In order to increase the space utilization and the efficiency of refrigeration in absorption refrigerators a finned body is placed about the evaporator. This finned body consists of a base plate and of cooling fins connected therewith. The base plate lies parallel to a wall of the refrigerator and has a convexly curved section directed toward the space to be refrigerated, into which fits the horizontal or slightly inclined evaporator tube of the refrigeration unit. Above and or below the curved section, cooling fins are connected with the base plate in heat-conductive relation to extend into the space to be refrigerated. The configuration of the ribbed body favors convective heat transfer. Also, the evaporator tube does not require additional space or depth, because it lies within the finned body cross section.

IPC 1-7
F25B 39/02; **F25D 11/02**

IPC 8 full level
F25B 39/02 (2006.01); **F25D 11/02** (2006.01)

CPC (source: EP US)
F25B 39/026 (2013.01 - EP US); **F25D 11/027** (2013.01 - EP US)

Cited by
EP0233149A1; CH668633A5; US6152797A; DE3315089A1; WO8704777A1

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AT DE FR GB IT LU NL SE

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EP 0010181 A1 19800430; **EP 0010181 B1 19820106**; AR 219634 A1 19800829; AT E547 T1 19820115; CH 633363 A5 19821130; DE 2961778 D1 19820225; US 4296613 A 19811027

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EP 79103576 A 19790922; AR 27852279 A 19791016; AT 79103576 T 19790922; CH 1076378 A 19781018; DE 2961778 T 19790922; US 8292979 A 19791009