

Title (en)
Refrigerated display cabinet.

Title (de)
Gekühlter Schaustellungsschrank.

Title (fr)
Vitrine réfrigérée de présentation.

Publication
EP 0403459 A1 19901219 (EN)

Application
EP 90850232 A 19900612

Priority
SE 8902104 A 19890612

Abstract (en)
In a refrigerated display cabinet having shelves for goods (20) arranged above each other on a rear wall (24) of the cabinet, the goods being cooled partly by air of freezing temperature entering the spaces between the shelves through openings (60) in the rear wall (24) and partly by a front air curtain (52) of freezing temperature, means are arranged to heat the air admitted through the openings (60). The means to heat the air can be constituted of an electric heating cable (30) arranged in the rear wall (24) or of fluorescent tubes (68) located below the shelves, the heating cable (30) being able to heat the air in the night and the fluorescent tubes (68) being able to heat the air in the daytime.

IPC 1-7
A47F 3/04

IPC 8 full level
A47F 3/04 (2006.01); **F25D 21/04** (2006.01)

CPC (source: EP)
A47F 3/0447 (2013.01); **F25D 21/04** (2013.01)

Citation (search report)
• [A] DE 3113571 A1 19821111 - LINDE AG [DE]
• [A] CH 661856 A5 19870831 - TYLER REFRIGERATION GMBH
• [A] AT 380330 B 19860512 - MAY HERBERT [ST]
• [A] US 4341089 A 19820727 - IBRAHIM FAYEZ F, et al
• [A] US 4750335 A 19880614 - WALLACE GEORGE E [US], et al

Cited by
EP0709046A3; CN113840558A; CN100350203C; EP1460358A4; GB2336656A; GB2336656B; US11779136B2; WO2011074993A1;
WO2020109808A1; FR2786999A1; WO0033707A1; WO20229832A1

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FI 88575 B 19930226; FI 88575 C 19930610; FI 902949 A0 19900612; SE 462826 B 19900910; SE 8902104 D0 19890612

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