

Title (en)
Refrigerator

Title (de)
Kühlschrank

Title (fr)
Réfrigérateur

Publication
EP 0895043 A2 19990203 (EN)

Application
EP 98306061 A 19980729

Priority
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• KR 19970036657 A 19970731

Abstract (en)
A refrigerator having means for opening/closing cool air discharge ports (16) through which cool air is supplied into a cooling compartment (3). Shutter members (31) for opening/closing ports (16) in a cool air supply duct (9) are driven by cams (61) rotated by a motor (39). Conversion means convert the rotational movement of the cams into a reciprocal raising and lowering movement of the shutters (31). The ports (16) are opened by the shutter members (31) when the temperature of the compartment (3) is too high, and closed when it is too low. Thus, the amount of the cool air supplied into the compartment (3) can be controlled, and the overcooling of the compartment can be prevented. <IMAGE>

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IPC 8 full level
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F25D 17/045 (2013.01); **F24F 2013/1473** (2013.01); **F24F 2221/48** (2013.01); **F25D 17/065** (2013.01); **F25D 2317/0653** (2013.01); **F25D 2317/0672** (2013.01); **F25D 2317/0682** (2013.01); **F25D 2400/04** (2013.01)

Citation (applicant)
WO 9527278 A1 19951012 - HARRISON & SONS LTD [GB], et al

Cited by
ES2437476R1; CN115445827A; US8464549B2; WO2020238615A1

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