

Title (en)  
Refrigerator with cool air distributing device

Title (de)  
Kühlschrank mit Kühlluftverteilvorrichtung

Title (fr)  
Réfrigérateur à dispositif de distribution d'air froid

Publication  
**EP 0899523 A2 19990303 (EN)**

Application  
**EP 98306879 A 19980827**

Priority  

- KR 19970044864 A 19970830
- KR 19970044865 A 19970830
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- KR 19970048580 A 19970924
- KR 19970048581 A 19970924
- KR 19970050535 A 19970930

Abstract (en)  
Disclosed is a refrigerator a device (30) for dispersing cool air. In a duct (15) of a cooling compartment (3) is installed a horizontal dispersing blade (43) of planar plate shape, which is rotatable around a vertical axis. The blade (43) disperses cool air horizontally. In the duct (15) are installed a cam (53) rotatable around a horizontal axis, and a motor (59) for rotating the cam (53). The rotation of the cam (53) is converted to the reciprocal rotation of the blade (43) by a transmission part (69). Thus, while the cam (53) is rotated by the motor (59), the cool air is dispersed horizontally in the compartment (3), and the temperature in the compartment (3) is maintained uniform. Further, if the cam (5) is stopped, the cool air can be concentrated on a specific area. <IMAGE>

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IPC 8 full level  
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Citation (applicant)  
WO 9527278 A1 19951012 - HARRISON & SONS LTD [GB], et al

Cited by  
AU2016357373B2; US8974063B2

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