

Title (en)

REFRIGERATOR AIR-CHANNEL AIR SUPPLY VOLUME ADJUSTABLE STRUCTURE AND REFRIGERATOR

Title (de)

STRUKTUR MIT ANPASSBAREM LUFTVERSORGUNGSVOLUMEN EINES KÜHLSCHRANKLUFTKANALS UND KÜHLSCHRANK

Title (fr)

STRUCTURE RÉGLABLE DE VOLUME D'ALIMENTATION EN AIR DE CANAL D'AIR DE RÉFRIGÉRATEUR ET RÉFRIGÉRATEUR

Publication

EP 3637026 B1 20240131 (EN)

Application

EP 17910021 A 20171128

Priority

- CN 201710357841 A 20170519
- CN 2017113407 W 20171128

Abstract (en)

[origin: EP3637026A1] A refrigerator air-duct air supply volume adjustable structure comprises: an air duct plate (1) provided with an air outlet (11), a sliding adjustment plate (2) and a sliding baffle (3). An inclined slideway (21) is provided on one side of the sliding adjustment plate (2), and a poking block (22) protruding outwards is provided on the other side of the sliding adjustment plate (2). A pair of sliding chutes (14) vertically opposite to each other are formed in the rear side of the air duct plate (1). The sliding baffle (3) is located in the pair of sliding chutes (14), and a guide pillar (4) is fixedly provided on the side, opposite to the sliding adjustment plate (2), of the sliding baffle (3). The sliding baffle (3) is slidably connected with the slideway (21) by means of the guide pillar (4). A poking hole (12) formed in the horizontal direction is provided on the air duct plate (1). The poking block (22) is configured to penetrate out of the poking hole (12). The sliding adjustment plate (2) is driven to horizontally slide towards to the left and right by poking the poking block (22), and thus the sliding baffle (3) is driven to slide upwards and downwards along the air outlet to adjust the size of the air outlet.

IPC 8 full level

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CPC (source: CN EP)

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