

Title (en)
SHIELDING DEVICE AND REFRIGERATOR HAVING SAME

Title (de)
ABSCHIRMVORRICHTUNG UND KÜHLSCHRANK DAMIT

Title (fr)
DISPOSITIF DE PROTECTION ET RÉFRIGÉRATEUR LE COMPRENANT

Publication
EP 3978842 A4 20220810 (EN)

Application
EP 20813253 A 20200512

Priority
• JP 2019098053 A 20190524
• CN 2020089802 W 20200512

Abstract (en)
[origin: EP3978842A1] The present invention aims to provide a shielding device (70) that occupies less volume of storage compartments, and a refrigerator (10, 100). The shielding device (70) is used to properly close air passages (109) for supplying cold air in the refrigerator (10, 100). The shielding device (70) comprises: a plurality of rotatable shielding walls (71, 711, 712, 713, 714, 715) disposed surrounding a blower (47) from radially outside, and shielding wall driving mechanisms (60, 601, 602) configured to drive the rotatable shielding walls (71, 711, 712, 713, 714, 715) to perform the opening or closing action. With a plurality of shielding wall driving mechanisms (60, 601, 602) being provided, the shielding device (70) improves a degree of freedom of the rotatable shielding walls (71, 711, 712, 713, 714, 715) in performing the opening or closing action.

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Citation (search report)
• [XYI] CN 108302874 A 20180720 - QINGDAO HAIER CO LTD
• [XI] CN 108050751 A 20180518 - QINGDAO HAIER CO LTD
• [XI] CN 108253692 A 20180706 - QINGDAO HAIER CO LTD
• [XI] CN 108266950 A 20180710 - QINGDAO HAIER CO LTD
• [XI] CN 108302873 A 20180720 - QINGDAO HAIER CO LTD
• [YA] JP H04281174 A 19921006 - SHARP KK
• See also references of WO 2020238616A1

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