

Title (en)

CLOSING SYSTEM FOR REFRIGERATORS AND REFRIGERATOR COMPRISING THE CLOSING SYSTEM

Title (de)

VERSCHLUSSSYSTEM FÜR KÜHLSCHRÄNKE UND KÜHLSCHRANK MIT DEM VERSCHLUSSSYSTEM

Title (fr)

SYSTÈME DE FERMETURE POUR RÉFRIGÉRATEURS ET RÉFRIGÉRATEUR COMPRENANT LE SYSTÈME DE FERMETURE

Publication

EP 3809071 A1 20210421 (EN)

Application

EP 20201906 A 20201015

Priority

IT 201900018899 A 20191015

Abstract (en)

The present invention concerns a closing system (1) for refrigerators, comprising: at least one fixed frame (3) suited to be attached to the opening of a refrigerator (F) and defining an opening suited to allow access to the inner volume of said refrigerator (F); at least one door (5) associated with said fixed frame (3), said at least one door (5) being movable with respect to said fixed frame (3) between a closed configuration, in which said door (5) is closed on said fixed frame (3), and an open configuration, in which said door (5) is open on said fixed frame (3), said at least one door (5) comprising a door frame (7) and a panel (9) fixed to said door frame (7) and preferably made of a transparent material. According to the invention, said fixed frame (3) and said door frame (7) are made of high density polyurethane by means of moulding techniques.

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

- EP 2908074 A1 20150819 - CISAPLAST S P A [IT]
- DE 202006013838 U1 20061207 - KLEIS JOACHIM [DE]
- US 5255473 A 19931026 - KASPAR MELVIN [US], et al
- US 2012028027 A1 20120202 - HORTRICH GERHARD [DE]
- ISHIDA Y ET AL., WPI/THOMSON, no. 32, 1990

Citation (search report)

- [A] EP 2908074 A1 20150819 - CISAPLAST S P A [IT]
- [A] DE 202006013838 U1 20061207 - KLEIS JOACHIM [DE]
- [A] US 5255473 A 19931026 - KASPAR MELVIN [US], et al
- [A] US 2012028027 A1 20120202 - HORTRICH GERHARD [DE]
- [A] ISHIDA Y ET AL: "Glass door for refrigerator - comprises reaction injection moulded polyurethane frame with spaced sealed glass plates", WPI / THOMSON,, vol. 1990, no. 32, 27 June 1990 (1990-06-27), XP002730856

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