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Publication  
**EP 4012307 A4 20220921 (EN)**

Application  
**EP 20849414 A 20200609**

Priority  
• CN 201910728174 A 20190808  
• CN 2020095105 W 20200609

Abstract (en)  
[origin: EP4012307A1] Disclosed is a refrigerator, comprising: a cabinet in which a storage space is formed; a storage chamber door pivotally connected to the cabinet and configured to open or close the storage space; wherein the refrigerator further comprises an ice making chamber which is formed on a front surface of the storage chamber door and inwardly recessed to receive an ice maker and an ice bin; a dispenser disposed at the front surface of the storage chamber door and configured to dispense ice from the ice bin; an ice making chamber door mounted to the front surface of the storage chamber door and configured to open or close the ice making chamber; an auxiliary door pivotally connected to the storage chamber door or the ice making chamber door and completely covering the dispenser.

IPC 8 full level  
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Citation (search report)  
• [Y] DE 202008011436 U1 20090219 - PANASONIC CORP [JP]  
• [Y] EP 2431693 A1 20120321 - LG ELECTRONICS INC [KR]  
• [A] EP 2375200 A1 20111012 - SAMSUNG ELECTRONICS CO LTD [KR]  
• [A] KR 20130061423 A 20130611 - DONGBU DAEWOO ELECTRONICS CORP [KR]  
• [Y] US 9816746 B1 20171114 - HANEY TREVOR [US], et al  
• [A] WO 2016064182 A1 20160428 - LG ELECTRONICS INC [KR]  
• [Y] CN 108180689 A 20180619 - SAMSUNG ELECTRONICS CO LTD  
• See also references of WO 2021022893A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
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**EP 4012307 A1 20220615; EP 4012307 A4 20220921; EP 4012307 B1 20240410**; AU 2020326927 A1 20220303; AU 2020326927 B2 20230413; CN 112344616 A 20210209; CN 112344616 B 20220415; WO 2021022893 A1 20210211

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