

Title (en)  
AN ELECTRIC MACHINE

Title (de)  
ELEKTRISCHE MASCHINE

Title (fr)  
MACHINE ÉLECTRIQUE

Publication  
**EP 4252338 A1 20231004 (EN)**

Application  
**EP 21897946 A 20211124**

Priority  
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Abstract (en)  
[origin: WO2022113974A1] An electric machine for a vehicle air-conditioner is provided. The electric machine includes a first housing, a second housing, a sealing element, and a plurality of tension-loaded members. The first housing having a first mating surface is adapted to accommodate an electric motor and the second housing having a second mating surface is adapted to accommodate an inverter assembly. Further, the first mating surface and second mating surface are complimentary and opposite to each other. The sealing element is disposed between the first mating surface and second mating surface, and the second housing is adapted to be coupled with the first housing. Further, the plurality of tension-loaded members is provided in holes formed on the first mating surface and the second mating surface, while coupling the first housing with the second housing.

IPC 8 full level  
**H02K 11/30** (2016.01)

CPC (source: EP)  
**H02K 5/10** (2013.01); **H02K 7/14** (2013.01); **H02K 11/33** (2016.01)

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See references of WO 2022113974A1

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