

Title (en)  
FACE MASK

Title (de)  
GESICHTSMASKE

Title (fr)  
MASQUE FACIAL

Publication  
**EP 4344751 A1 20240403 (EN)**

Application  
**EP 22210807 A 20221201**

Priority  
CN 2022122611 W 20220929

Abstract (en)  
A face mask comprises a filter portion and a fan module for driving air which passes through the filter portion. A magnetic coupling is used to couple the fan module to the filter portion. The filter portion comprises a recessed area having a base wall, a non-recessed area which extends around the recessed area and a side wall extending between the recessed area and the non-recessed area. The magnetic coupling comprises first and second magnetic parts disposed on opposite faces of the side wall.

IPC 8 full level  
**A62B 18/02** (2006.01); **A62B 18/00** (2006.01); **A62B 23/02** (2006.01)

CPC (source: EP)  
**A62B 18/006** (2013.01); **A62B 18/025** (2013.01); **A62B 23/025** (2013.01)

Citation (search report)  
• [XYI] WO 2019064199 A2 20190404 - 3M INNOVATIVE PROPERTIES CO [US]  
• [Y] WO 2022180272 A1 20220901 - FOUCHARD ERIC [FR]

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
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