

Title (en)

COVER MEMBER FOR AN INTERNAL COMBUSTION ENGINE

Title (de)

ABDECKELEMENT FÜR EINEN VERBRENNUNGSMOTOR

Title (fr)

ÉLÉMENT FORMANT COUVERCLE POUR UN MOTEUR À COMBUSTION INTERNE

Publication

**EP 3714145 A1 20200930 (EN)**

Application

**EP 18800939 A 20181112**

Priority

- JP 2017223273 A 20171121
- EP 2018080919 W 20181112

Abstract (en)

[origin: WO2019101561A1] [Problem] To improve the performance of a cover member without this leading to an increase in costs. [Solution] A cover member 1 is an integrally molded article made of urethane foam and comprises an outside portion 3, an inside portion 4, and a joining portion. The outside portion 3 is a portion on the outside including an outer surface 6 of the cover member 1, and has a closed-cell structure with a low foaming rate. The inside portion 4 is positioned on a rear side of the outside portion 3 and has an open-cell structure with a high foaming rate. A plurality of holes 7 whereof an opening on one end side faces the internal combustion engine 2 are formed on the inside portion 4. The joining portion 5 constitutes a portion which is bonded to the internal combustion engine 2 when the 20 cover member 1 is mounted on the internal combustion engine 2, and is positioned on the rear side of the outer periphery of the outside portion 3 and comprises a closed-cell structure with a high foaming rate.

IPC 8 full level

**F02B 77/13** (2006.01)

CPC (source: EP)

**F02B 77/13** (2013.01); **F02F 7/008** (2013.01)

Citation (search report)

See references of WO 2019101561A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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