

Title (en)  
FUEL CELL SYSTEM FOR A MOTOR VEHICLE

Title (de)  
BRENNSTOFFZELLENANLAGE FÜR EIN KRAFTFAHRZEUG

Title (fr)  
SYSTEME DE PILES A COMBUSTIBLE POUR AUTOMOBILE

Publication  
**EP 1345787 A1 20030924 (DE)**

Application  
**EP 01991663 A 20011221**

Priority  
• DE 0104887 W 20011221  
• DE 10065307 A 20001229

Abstract (en)  
[origin: WO02053402A1] An inventive fuel cell system has at least one fuel cell module that is mounted on the vehicle. According to the invention, the fuel cell module is placed in or on the motor vehicle so that the fuel cell module operates in a largely self-aspirating manner when the vehicle is moving. This means that the air of the relative wind is sufficient for supplying oxidants to the fuel cells.

IPC 1-7  
**B60K 1/04**; **H01M 2/10**; **H01M 8/04**

IPC 8 full level  
**H01M 8/04007** (2016.01); **H01M 8/04089** (2016.01); **H01M 8/2465** (2016.01); **B60K 11/08** (2006.01); **B60K 13/02** (2006.01); **H01M 8/04029** (2016.01)

CPC (source: EP US)  
**B60K 1/04** (2013.01 - EP); **H01M 8/04007** (2013.01 - EP); **H01M 8/04089** (2013.01 - EP US); **H01M 8/2484** (2016.02 - US); **B60K 11/08** (2013.01 - EP); **B60K 11/085** (2013.01 - EP); **B60K 13/02** (2013.01 - EP); **H01M 8/04029** (2013.01 - EP); **H01M 2250/20** (2013.01 - EP); **H01M 2300/0082** (2013.01 - EP); **Y02E 60/50** (2013.01 - EP); **Y02T 10/88** (2013.01 - EP); **Y02T 90/40** (2013.01 - EP)

Citation (search report)  
See references of WO 02053402A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**WO 02053402 A1 20020711**; CA 2433397 A1 20020711; CN 1484587 A 20040324; DE 10065307 A1 20020711; EP 1345787 A1 20030924; KR 20030072372 A 20030913

DOCDB simple family (application)  
**DE 0104887 W 20011221**; CA 2433397 A 20011221; CN 01821642 A 20011221; DE 10065307 A 20001229; EP 01991663 A 20011221; KR 20037008791 A 20030627