

Title (en)
WHEEL ARRANGEMENT FOR A MOTOR VEHICLE, AND WHEEL COVER

Title (de)
RADANORDNUNG FÜR EIN KRAFTFAHRZEUG UND RADABDECKUNG

Title (fr)
ENSEMBLE ROUE POUR VÉHICULE À MOTEUR ET ENJOLIVEUR DE ROUE

Publication
EP 4374086 A1 20240529 (DE)

Application
EP 22743813 A 20220712

Priority
• DE 102021207985 A 20210723
• EP 2022069443 W 20220712

Abstract (en)
[origin: WO2023001631A1] The present disclosure relates to a wheel arrangement for a motor vehicle, which comprises a steel disc wheel (10), a disc brake (20) and a wheel cover (30). The steel disc wheel (10) has a rim (11) and a wheel disc (12). The disc brake (20) comprises a brake disc (21) and a brake calliper (22). A number of ventilation openings (13) run through the wheel disc (12). At least one magnet (31) is arranged on the wheel cover (30) in such a way that a respective magnetic field (40) is formed between an inner side of the wheel cover (30) and the ventilation openings (13). The present disclosure also relates to a corresponding wheel cover and to a corresponding magnet.

IPC 8 full level
F16D 65/00 (2006.01); **B60B 7/00** (2006.01)

CPC (source: EP)
B60B 7/02 (2013.01); **B60B 7/04** (2013.01); **F16D 65/0031** (2013.01); **B60B 2900/211** (2013.01); **B60B 2900/513** (2013.01); **B60B 2900/931** (2013.01); **B60Y 2200/11** (2013.01)

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)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
DE 102021207985 A1 20230126; EP 4374086 A1 20240529; WO 2023001631 A1 20230126

DOCDB simple family (application)
DE 102021207985 A 20210723; EP 2022069443 W 20220712; EP 22743813 A 20220712