

Title (en)
HYBRID MODULE HAVING A ROTARY FEEDTHROUGH

Title (de)
HYBRIDMODUL MIT DREHDURCHFÜHRUNG

Title (fr)
MODULE HYBRIDE POURVU DE PASSAGE TOURNANT

Publication
EP 3655273 A1 20200527 (DE)

Application
EP 18745492 A 20180705

Priority
• DE 102017116195 A 20170718
• DE 102017127217 A 20171120
• DE 2018100615 W 20180705

Abstract (en)
[origin: WO2019015714A1] The invention relates to a hybrid module (1) for a drive train of a motor vehicle, the hybrid module comprising a dual clutch (2), which has a first clutch (3) and a second clutch (4) for selectively transmitting torque from a first drive unit (5, 6) to an output shaft (7, 8), and a disconnect clutch (9) for coupling a second drive unit and for transmitting torque from the second drive unit to the output shaft (7, 8). At least one rotary feedthrough (10, 33, 34, 52) is present which is designed to conduct actuating oil for actuating the disconnect clutch (9), or to conduct cooling oil for cooling the disconnect clutch (9) and/or the dual clutch (2).

IPC 8 full level
B60K 6/20 (2007.10); **B60K 6/387** (2007.10); **B60K 6/48** (2007.10); **B60K 6/547** (2007.10); **F16D 25/0638** (2006.01); **F16D 25/10** (2006.01)

CPC (source: EP KR US)
B60K 6/20 (2013.01 - EP); **B60K 6/387** (2013.01 - EP KR US); **B60K 6/48** (2013.01 - EP KR); **B60K 6/547** (2013.01 - EP KR);
F16D 13/52 (2013.01 - KR); **F16D 13/72** (2013.01 - KR); **F16D 21/06** (2013.01 - US); **F16D 21/08** (2013.01 - KR);
F16D 25/0638 (2013.01 - EP KR); **F16D 25/10** (2013.01 - EP KR); **F16D 25/123** (2013.01 - EP); **B60K 6/48** (2013.01 - US);
B60K 2006/4825 (2013.01 - EP KR US); **B60Y 2200/92** (2013.01 - KR US); **B60Y 2306/03** (2013.01 - KR); **B60Y 2400/424** (2013.01 - KR);
B60Y 2400/428 (2013.01 - KR); **F16D 21/08** (2013.01 - EP); **F16D 25/0638** (2013.01 - US); **F16D 25/10** (2013.01 - US);
F16D 2021/0661 (2013.01 - EP KR US); **Y02T 10/62** (2013.01 - EP)

Citation (search report)
See references of WO 2019015714A1

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

DOCDB simple family (publication)
WO 2019015714 A1 20190124; CN 110914088 A 20200324; DE 102017127217 A1 20190124; DE 102017127219 A1 20190124;
DE 112018003654 A5 20200423; EP 3655273 A1 20200527; JP 2020518512 A 20200625; JP 7038736 B2 20220318;
KR 20200030056 A 20200319; US 11396226 B2 20220726; US 2020215897 A1 20200709

DOCDB simple family (application)
DE 2018100615 W 20180705; CN 201880047107 A 20180705; DE 102017127217 A 20171120; DE 102017127219 A 20171120;
DE 112018003654 T 20180705; EP 18745492 A 20180705; JP 2019560752 A 20180705; KR 20207001102 A 20180705;
US 201816631373 A 20180705