Title (en)

TRIPLE CLUTCH FOR AN AXIALLY PARALLEL HYBRID MODULE WITH TRANSMISSION-SIDE CONTROL OF THREE CLUTCHES VIA ROTARY INPUT

Title (de)

DREIFACHKUPPLUNG FÜR ACHSPARALLELES HYBRIDMODUL MIT GETRIEBESEITIGER ANSTEUERUNG VON DREI KUPPLUNGEN ÜBER DREHEINFÜHRUNG

Title (fr)

ACCOUPLEMENT À TROIS EMBRAYAGES POUR MODULE HYBRIDE À AXES PARALLÈLES AVEC ENTRAÎNEMENT CÔTÉ TRANSMISSION PAR ENTRÉE ROTATIVE DE TROIS EMBRAYAGES

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Application

EP 20705274 A 20200115

Priority

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Abstract (en)

[origin: WO2020169139A1] The invention relates to a clutch assembly (10) for a drive train of a motor vehicle, wherein the clutch assembly (10) comprises a housing (12) which delimits a wet chamber, a carrier body (14) mounted such that it can rotate relative to the housing (12) about an axis of rotation (D), an input shaft (16) mounted such that it can rotate relative to the housing (2) about the axis of rotation (D), a first clutch (18), a second clutch (24) and a third clutch (30). The clutch assembly (10) also comprises, integrated in the rotor (36) thereof, a first pressure oil inlet (39a), a second pressure oil inlet (41a), a third pressure oil inlet (43a) and a cooling oil inlet (50) in order to supply the three clutches (18, 24, 30) with pressure oil and cooling oil. This configuration of the clutch assembly (10) allows for a compact structure.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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Cited by

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