

Title (en)
DRIVE SYSTEM AND METHOD FOR OPERATING A DRIVE SYSTEM

Title (de)
ANTRIEBSSYSTEM UND VERFAHREN ZUM BETREIBEN EINES ANTRIEBSSYSTEMS

Title (fr)
SYSTÈME D'ENTRAÎNEMENT ET PROCÉDÉ PERMETTANT DE FAIRE FONCTIONNER UN SYSTÈME D'ENTRAÎNEMENT

Publication
EP 4208364 A1 20230712 (DE)

Application
EP 21751543 A 20210727

Priority
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• EP 2021070920 W 20210727

Abstract (en)
[origin: WO2022048825A1] The invention relates to a drive system (20), comprising a first partial drive system (30) and a second partial drive system (40), which each have at least one electric machine (50), at least one actuation electronics unit (52) for actuating the at least one electric machine (50), a power source (60) and a power source control unit (62) for monitoring and controlling the power source (60). According to the invention, the drive system (20) also comprises a first drive control unit (74) and a second drive control unit (74), the first drive control unit (72) communicating both with the first partial drive system (30) and with the second partial drive system (40) and being designed to control and monitor the drive system (20), and the second drive control unit (74) communicating both with the first partial drive system (30) and with the second partial drive system (40) and being designed to take on the control and monitoring of the drive system (20) should the first drive control unit (72) enter into an error state. The invention further relates to a method for operating the drive system (20) according to the invention. The invention also relates to a vehicle (10) which comprises the drive system (20) according to the invention and/or which is designed to carry out the method according to the invention.

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Citation (examination)
• DE 102017221758 A1 20190606 - BOSCH GMBH ROBERT [DE]
• DE 102009046564 A1 20110512 - SB LIMOTIVE CO LTD [KR], et al
• DE 102006037125 A1 20080214 - DAIMLER AG [DE]
• See also references of WO 2022048825A1

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