

Title (en)  
FURNITURE ARRANGEMENT AND METHOD FOR THE PARALLEL CONTROL OF AT LEAST TWO ELECTROMOTIVE FURNITURE DRIVES OF A FURNITURE ARRANGEMENT

Title (de)  
MÖBELANORDNUNG UND VERFAHREN ZUM PARALLELSTEUERN VON ZUMINDEST ZWEI ELEKTROMOTORISCHEN MÖBELANTRIEBEN EINER MÖBELANORDNUNG

Title (fr)  
SYSTÈME DE MEUBLES ET PROCÉDÉ DE COMMANDE PARALLÈLE D'AU MOINS DEUX MÉCANISMES DE COMMANDE À MOTEUR ÉLECTRIQUE D'UN SYSTÈME DE MEUBLES

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Application  
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Abstract (en)  
 [origin: WO2013127950A1] The invention relates to a furniture arrangement (200) comprising at least two pieces of furniture (1, 1'), each respectively having an electromotive furniture drive (100, 100') for adjusting at least one movable part (4, 5) of each at least two pieces of furniture (1, 1'), wherein each electromotive furniture drive (100, 100') comprises a) at least one adjusting drive (7, 7'; 8, 8') with respectively at least one electric motor, a speed-reducing gear mechanism coupled thereto and to which an output element is drivingly coupled, said output element being linearly displaceable and/or can be rotated, and b) at least one control device (9, 9'), wherein c) the furniture arrangement (200) comprises an operating unit (10) for actuating all the electric motors of the adjusting drive (7, 7'; 8, 8') of the electromotive furniture drive (100, 100'). Said control devices (9, 9') of electromotive furniture drives (100, 100') are equipped with detection means for detecting actuation-specific values such as the motor current, motor operating voltage, motor speed or similar of the electric motor of the at least one associated adjusting drive (7, 7'; 8, 8') and comprising at least one controlling device for variably controlling the operating voltage of the electric motor of the at least one associated adjusting drive (7, 7'; 8, 8') for a parallel control of the at least one adjusting drive (7, 8) of one of the electromotive furniture drives (100) and of the at least one adjusting drive (7', 8') of the other electromotive furniture drive (100'). Said control devices (9, 9') are designed to communicate with the operating unit (10, 10') and between themselves, or to communicate between themselves by means of the operating unit (10, 10') with at least one transmission path (21, 22, 23, 23a, 23'). The invention also relates to the parallel control of at least two electromotive furniture drives (100, 100') of a furniture arrangement (200).

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 Opponent : LOGICDATA Electronic & Software  

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- WO 2006043881 A1 20060427 - OESTERGRENS ELMOTOR AB [SE], et al
- VIBRADORM: "Produktkatalog der Firma Vibradorm", VIBRADORM, 2008, pages 66 - 67, XP055327830
- LOGICDATA: "Bedienungsanleitung der Motorsteuerung CBC-KB-3-xxx", LOGICDATA, 2010, XP055327833
- LOGICDATA: "Betriebsanleitung der Motorsteuerung Mini-Master CBMS", LOGICDATA, August 2007 (2007-08-01), XP055327836

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