

Title (en)  
ELECTROMAGNETIC LINEAR MOTION MACHINE COMPRISING RODS ASSOCIATED WITH MAGNETIC ELEMENTS

Title (de)  
ELEKTROMAGNETISCHE LINEARBEWEGUNGSMASCHINE MIT MIT MAGNETISCHEN ELEMENTEN VERBUNDENEN STANGEN

Title (fr)  
MACHINE ELECTROMAGNETIQUE A MOUVEMENT LINEAIRE COMPRENANT DES TIGES ASSOCIÉES À DES ÉLÉMENTS MAGNÉTIQUES

Publication  
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Application  
**EP 22747363 A 20220628**

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Abstract (en)  
[origin: WO2023275481A1] The invention relates to an electromagnetic machine (1) comprising: - a frame; - a stator arranged to create a magnetic field, comprising at least two stator elements (31a, 31b, 32a, 32b, 33a, 33b, 34a, 34b, 35a, 35b, 36a, 36b) facing one another; - a linearly movable portion, comprising: - at least two separate rods (41a, 41b, 42a, 42b, 43a, 43b, 44a, 44b, 45a, 45b, 46a, 46b) which are movable along respective drive axes (E1a, E1b, E2a, E2b, E3a, E3b, E4a, E4b, E5a, E5b, E6a, E6b), each rod being arranged at one end of the two stator elements; - at least one magnetic element associated with the at least two rods, the at least one magnetic element being arranged between the two stator elements and being magnetically movable with respect to the at least two stator elements; and - coupling means between the at least one magnetic element and the rods.

IPC 8 full level  
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