

Title (en)
MOVING SEAT

Title (de)
BEWEGUNGSSITZ

Title (fr)
SIÈGE MOBILE

Publication
EP 4051056 C0 20231018 (DE)

Application
EP 20803450 A 20201027

Priority
• DE 102019129523 A 20191031
• EP 2020080136 W 20201027

Abstract (en)
[origin: WO2021083868A1] In order to prevent problematic sitting behaviour, to improve the health impacts of a lack of movement and also allow for a machine-driven movement of a seat surface of a moving seat, in particular an office chair, which is less of a distraction for the user from other tasks, such as office work, a moving seat is proposed, which combines the passive movement of the user on the machine-driven seat surface known in the prior art and the resulting posture corrections with an active movement of the user. With the at least occasional active movement of the user, the effective forces acting on the seat surface (4) change and are detected by means of a measuring device (19). Taking the detected effective forces into consideration, a processing unit supports or reduces the active movement using targeted movement control of the seat surface, and prompts the user to make further active movements that will have an improved effect on health.

IPC 8 full level
A47C 9/00 (2006.01)

CPC (source: EP)
A47C 9/002 (2013.01)

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

Participating member state (EPC – UP)
AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)
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