

Title (en)

DIGITAL SIMULATION OF A MULTI-SCALE COMPLEX PHYSICAL PHENOMENON BY MACHINE LEARNING

Title (de)

DIGITALE SIMULATION EINES KOMPLEXEN PHYSIKALISCHEN PHÄNOMENS IN MEHREREN MASSSTÄBEN DURCH MASCHINENLERNEN

Title (fr)

SIMULATION NUMÉRIQUE D'UN PHÉNOMÈNE PHYSIQUE COMPLEXE MULTI-ÉCHELLE PAR APPRENTISSAGE AUTOMATIQUE

Publication

EP 4330846 A1 20240306 (FR)

Application

EP 21736004 A 20210426

Priority

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Abstract (en)

[origin: WO2022229517A1] The invention relates to a neural network (500) configured for the digital simulation of a physical phenomenon, such as fluid flow, heat transfer or mechanical structural calculation, by joint learning of various kinds of intercorrelated physical data from a plurality of digital training simulations.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2022229517A1

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DOCDB simple family (publication)

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