

Title (en)

MACHINE-LEARNING METHOD FOR CONDITIONING INDIVIDUAL OR SHARED AREAS

Title (de)

MASCHINENLERNVERFAHREN ZUM KONDITIONIEREN EINZELNER ODER GEMEINSAMER BEREICHE

Title (fr)

PROCÉDÉ D'APPRENTISSAGE MACHINE POUR CONDITIONNER DES ZONES INDIVIDUELLES OU PARTAGÉES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2019182970A1] A method and system for conditioning an interior area is disclosed. A method includes retrieving environmental conditions regarding the interior area, wherein the environmental conditions include temperature, humidity, and air speed; retrieving outdoor environmental conditions; generating a field of environmental conditions at a plurality of points within the interior area; estimating clothing insulation of a user based on the outdoor environmental conditions; calculating a thermal comfort of the user to determine a predicted mean vote; and operating a heating, ventilation, and air conditioning system based on the calculated thermal comfort.

IPC 8 full level

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