

Title (en)

METHOD AND ARRANGEMENT FOR A DISPLACEABLE DOOR BLADE, A BUILDING AND A LUMBER DRYING FACILITY WITH SUCH A DOOR BLADE

Title (de)

VERFAHREN UND ANORDNUNG FÜR EIN VERSCHIEBBARES TÜRBLATT, GEBÄUDE UND HOLZTROCKNUNGSANLAGE MIT EINEM TÜRBLATT

Title (fr)

PROCÉDÉ ET AGENCEMENT POUR UN VENTAIL DE PORTE DÉPLAÇABLE, BÂTIMENT ET INSTALLATION DE SÉCHAGE DE BOIS EN GRUME COMPORTANT UN TEL VANTAIL DE PORTE

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Application

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Abstract (en)

[origin: WO2012115564A1] This invention concerns a method for the displacement of a vertically displaceable motor driven door leaf 1 in an opening 2 in a building 3. The method comprises that a first line drum 4 comprising a first axis of rotation 5 that is caused to interact with a first line 6 that has been attached to the line drum 4 and the door leaf 1, a second line drum 7 comprising a second axis of rotation 8 that is caused to interact with a second line 9 that has been attached to the line drum 7 and the door leaf 1 [sic, syntax]. A force of rotation is transferred from a motor unit 10 to the axis of rotation 5 and 8 of the relevant line drum through a power-transfer unit 11 whereby the line drums 4 and 7 are rotated and the first line 6 is rolled onto or rolled off from the first line drum 5 [sic, "4"?] and the second line 9 is rolled onto or rolled off from the second line drum 7, whereby the door leaf 1 is displaced upwards or downwards. The power transfer unit 11 is caused to act on at least one axis of rotation 5 or 8 since two cogs are always in interaction with each other in a gear system 12 comprised within the power-transfer unit 11, and it acts on at least one axis of rotation 5 or 8. At least this axis of rotation 5 or 8 is rotated in this case, and a transmission unit 13 is caused to interact with the first axis of rotation 5 and the second axis of rotation 8, and ensures that the rotation of the axis of rotation 5 or 8 that is caused to rotate with the aid of the power-transfer unit 11 is transferred to the second axis of rotation 5 or 8. The invention concerns also an arrangement 24, a doorway 29, a building 3 and a lumber drying facility 30.

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