

Title (en)

DOOR LOCKING AND UNLOCKING DEVICE FOR A PYROLYTICALLY CLEANED COOKING OVEN

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Application

EP 89440057 A 19890620

Priority

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Abstract (en)

[origin: EP0348319A1] The invention relates to a door locking and unlocking device for a cooking oven, especially for a pyrolytically cleaned cooking oven, comprising a synchronous motor (7), a movable bolt carrying a latch (6), a return spring (3) and two micro-contacts, characterised in that it also possesses, - on the one hand, a single support (20) carrying the motor (7) and the bolt (5) with at least one means for the lateral guidance of the said bolt (5), fixed to the support bracket (20), - on the other hand, a single transmission arm (4) fixed at one of its ends to the axle of the motor (7) and possessing at its other end a catching means (4a) for the return spring (3), a cam (4b) being provided for driving the bolt (5) in translational motion. The invention is useful especially for the manufacturers of domestic pyrolysis cooking ovens. <IMAGE>

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