

Title (en)
MACHINE FOR PRESSURE CASTING CERAMIC MATERIALS AND COMPOUNDS, WITH WEIGHT ZEROING APPARATUS

Title (de)
MASCHINE ZUM DRUCKGIESSEN KERAMISCHER MATERIALIEN UND VERBINDUNGEN, MIT GEWICHTSAUSGLEICHSVORRICHTUNG

Title (fr)
MACHINE POUR LA COULÉE SOUS PRESSION DE MATÉRIAUX CÉRAMIQUES ET DE COMPOSÉS, AVEC DISPOSITIF D'ÉQUILIBRAGE DU POIDS

Publication
EP 4265386 A2 20231025 (EN)

Application
EP 23166733 A 20230405

Priority
IT 202200007859 A 20220421

Abstract (en)
Machine (100) for casting ceramic materials and compounds with weight zeroing apparatus adapted for reducing to a minimum the physical effort required by operators on site, said machine (100) being developed in height, allowing to increase production and saving space and energy. The machine (100) comprises a frame (10); a control panel (11); molds formed by a female part (19') and a male part (19); a lower movable cradle (15) with at least one female part (19'), mobilized towards the intermediate movable cradle (14), allowing the closure of the molds (19-19'); an upper movable cradle (13) with at least one male part (19), mobilized towards said intermediate movable cradle (14), allowing the closure of further molds (19-19'); an intermediate movable cradle (14) with corresponding male parts (19) and female parts (19'), positioned between said lower movable cradle (15) and said upper movable cradle (13); a weight zeroing trolley (12) which, when aligned with one of said movable cradles (13, 14, 15), allows the removal, without physical effort, of the molds (19-19') by an operator.

IPC 8 full level
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• EP 1043132 A2 20001011 - SACMI [IT]

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