

Title (en)

Autonomous hydraulic mould for the formation of ceramic elements

Title (de)

Autonome hydraulische Form für Herstellung von keramischen Elementen

Title (fr)

Moule hydraulique autonome pour la production d'éléments céramiques

Publication

EP 1145812 A1 20011017 (EN)

Application

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Priority

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Abstract (en)

An autonomous hydraulic mould where the mechanical, electrical, electronic, etc. elements that make the autonomous hydraulic mould work are installed inside the whole made up of base plate (7) and the ejector plate (5). This whole is closed and isolated from the exterior by leather skirting (6). On the back of the base plate (7) we install the hydraulic pistons so that, through some holes drilled in the base plate we can supply the oil necessary for the pistons to move. These holes are connected to the outside of the mould and at the same time to the hydraulic circuit of the press by means of some pressure connectors situated on the hydraulic block (4). This base plate (7) is, in turn, directly fixed to the bedplate of the press. The hydraulic pistons move the ejector plate (5) they are fixed to at the cylinders so that on its upstroke and downstroke movement it positions the ejector plate (5) and, obviously, the other elements fixed to it: plunger holders (3), plungers (2), etc. These different positions will adapt based on the different orders that the press sends to the automatic system of the mould and on the orders that the automatic system sends to the press. <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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