

Title (en)  
MORTAR

Title (de)  
MÖRSER

Title (fr)  
MORTIER

Publication  
**EP 2344833 A1 20110720 (DE)**

Application  
**EP 09748988 A 20091015**

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Abstract (en)  
[origin: CA2742612A1] The invention relates to a mortar (1) with at least one barrel (2), which is mounted movably over a ball journal (3) in a supporting device (4) at the bottom, and to an aiming device (5), serving to aim the barrel vertically and horizontally. In order to be able to aim the barrel (2) of the mortar (1) automatically in a simple and cost advantageous manner, the invention proposes that the aiming device (5) preferably comprises a carriage (6), which can be moved along guideways (7) essentially horizontally to the barrel (2) to or away from the latter. At the carriage (6), the first end region (10) of a pivoted arm (13) is mounted so that it can be rotated about a pivot axis (14), the second end region (16) of which is connected with a spherical plain bearing (17), guiding the barrel (2). The spherical plain bearing (17) embraces a housing part (19), which is open at its end faces and in which an inner part (21) is mounted spherically, which contains a cylindrical barrel guide (22), for movably accommodating the barrel (2).

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