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(54) Quick-coupling device for attaching tools to an excavator

(57) Quick-coupling device for attaching a tool (2) to an excavator comprising at least one main working arm (1); this device comprises a main body (3) provided with two side walls (306) each connected at the rear to this working arm (1) by a pin (401) housed in holes (301) in these walls (306) to allow it to be rotated relative to the said arm (1) by the movement of excavator levers (5) connected to the body (3) by a pin (40) housed in holes (302) in these walls (306) and at the front to upper walls (205) of this tool (2) by second pins (7) for locking them onto this tool (2); and these second pins (7) are able to extend out of these side walls (306) and be housed in holes (204) formed in these upper walls (205) of the tool (2) under the action of control means (8) mounted in this body (3) for automatically inserting and removing them into and from these holes (204), these upper walls (205) being provided with rear hook means (203) for attaching the tool (2) to pins (4).

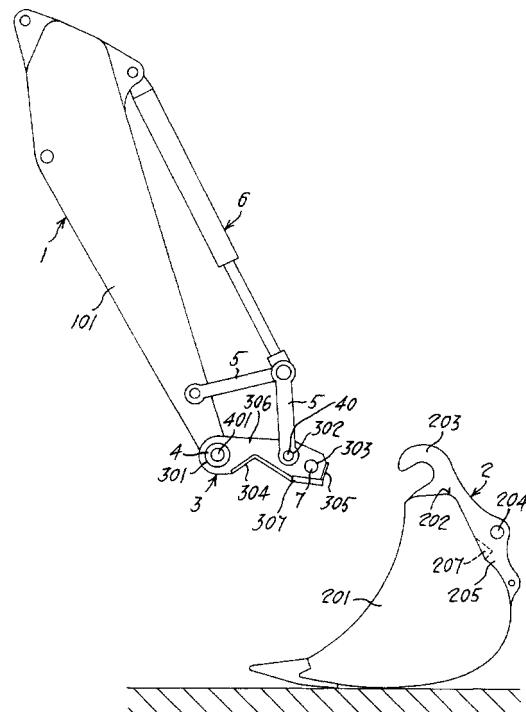


Fig. 1



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EUROPEAN SEARCH REPORT

Application Number
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The present search report has been drawn up for all claims			
Place of search MUNICH	Date of completion of the search 4 June 2002	Examiner Laurer, M	
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
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ANNEX TO THE EUROPEAN SEARCH REPORT
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