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(54) Stop device for gates, doors, automatic doors and the like

(57) The invention relates to a stop device for automatic gates and/or doors and the like, wherein stop means (25, 3, 16) are provided, which are mounted on the gate and normally forced to the exterior of their seating (22, 2), the said stop means being designed to fit into a seating (30, 4) installed in the ground in correspondence with the maximum opening or closing position of the gate, so that they engage with the said seating and cause the gate movement to stop. Preferably said stop means consist of a mobile body (25) hinged eccentrically to a supporting structure integral with the gate so that it tends to rotate downwards and is fitted with a wheel (27, 7) that rests on the ground and can perform a movement so as to move from a raised position in which the said wheel (27, 7) slides along the ground to an operating position in which it projects from the said gate and is inserted into a seating (30, 4) in the ground.

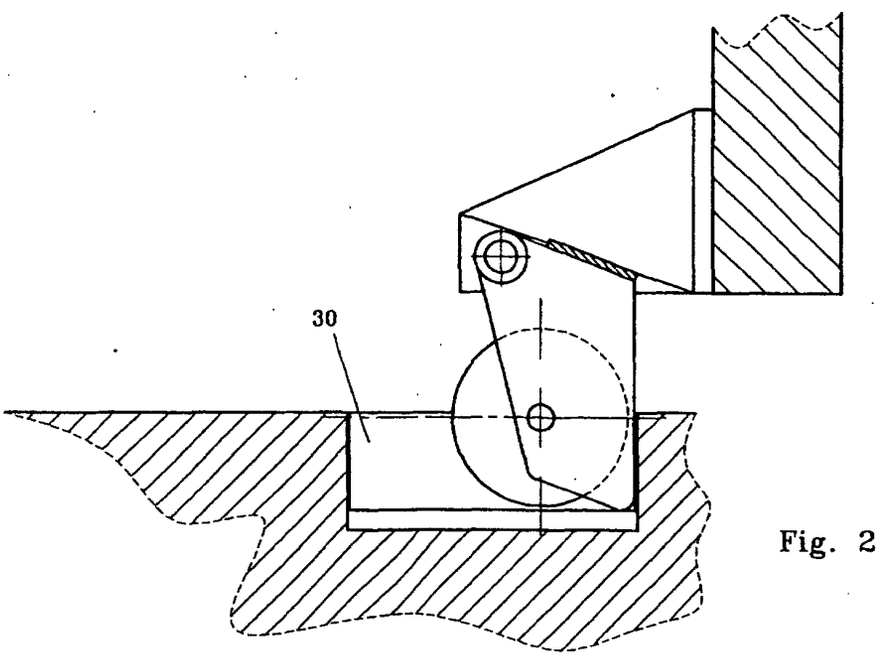

Fig. 2

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EUROPEAN SEARCH REPORT

Application Number
EP 02 01 5225

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	DE 10 36 106 B (VER BAUBESCHLAG GRETSCH CO) 7 August 1958 (1958-08-07) * claim 1; figures * -----	1-4,6-9, 14	E05F5/08 E05C17/50 E05F5/02
X	DE 864 220 C (VER BAUBESCHLAG GRETSCH CO) 22 January 1953 (1953-01-22) * page 1, line 29 - page 2, line 7; figures * -----	1-5,14	
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X	US 2 973 215 A (JOHNSON LOYD C) 28 February 1961 (1961-02-28) * column 2, line 68 - column 3, line 13 * -----	1,2,6,7, 14	

TECHNICAL FIELDS SEARCHED (Int.Cl.7)

E05F
E05C
E05D

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
The Hague	8 April 2004	Witasse-Moreau, C

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
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ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO. EP 02 01 5225

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82