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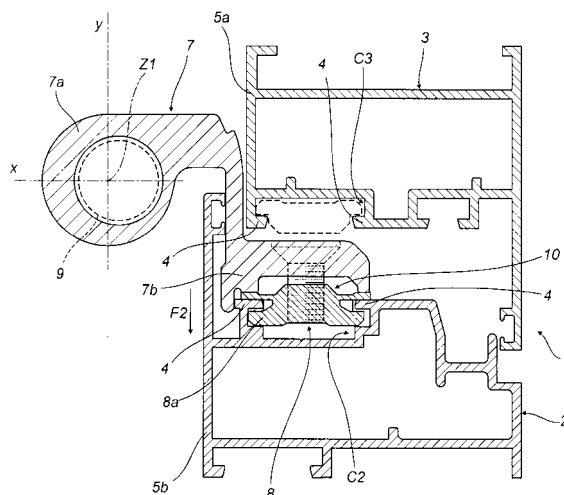
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(54) **Hinge for doors or windows.**

(57) Described is a positioning device for heavy doors or windows with a fixed frame (3) and a sash (2), each having a profile which forms a longitudinal groove (C3, C2) consisting of a pair of opposite "L"-shaped protrusions (4); the fixed frame and the sash (3, 2) are fastened to one another by two hinge units (GCI, GCS), lower and upper. Each hinge unit (GCI, GCS) comprises: a first, lower hinge body (6), having a first cylindrical socket (6a) and a first flap (6b); a second, upper hinge body (7), having a second cylindrical socket (7a) and a second flap (7b); means (8) for fixing the first and second hinge bodies (6, 7) respectively to the fixed frame and the sash (3, 2), comprising a block (8a), housed inside the corresponding groove (C3, C2), and which can be connected to the respective flap (6b, 7b) in such a way as to lock it in place; a hinge pin (9) which can be housed inside the sockets (6a, 7a) and defining a vertical axis of rotation (Z1, Z2) for each hinge unit (GCI, GCS); on the first or the second hinge body (6, 7) of the lower hinge unit (GCI) there being a spacer component (10) inserted between the respective flap (6b, 7b) and the pair of protrusions (4) in such a way that it modifies the position, that is to say, moves the hinge body (6, 7) away from the fixed frame or sash (3, 2), so that in practice it makes the position of the vertical axis of rotation (Z1) of the lower hinge unit (GCI) and the vertical axis of rotation (Z2) of the upper hinge unit (GCS) coaxial.

FIG. 4





European Patent
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EUROPEAN SEARCH REPORT

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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 25 September 2007	Examiner Balice, Marco
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 T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

1
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**ANNEX TO THE EUROPEAN SEARCH REPORT
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