

Title (en)
FRAMELESS GLASS DOOR

Title (de)
RAHMENLOSE GLASTÜRE

Title (fr)
PORTE EN VERRE EXEMPTÉ DE CADRE

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Application
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Abstract (en)
[origin: WO2006097542A1] The invention relates to a frameless glass door, in particular a glass swing of stop door comprising a glass door leaf (1, 24) arranged in a doorway (2, 25) and hinges mounted on a floor and ceiling or on a vertical near the doorway (2, 25). The glass door leaf (1, 24) is provided in the hinge area with tongue-shaped glass extensions (3, 4; 23) which are protruded beyond the doorway (2, 25) and are introduced into the hinge rotating part (6, 7; 10; 23) outside of the visible area thereof. When the door is closed, a visibility through the door is not disturbed by the hinge elements. The glass extensions (3, 4; 23) can be embodied in a single piece with the glass door leaf (1, 24) and can be connected in a form-fitting manner to the hinge rotating part (6, 7; 26) and by gluing and said hinge rotating part can be mounted on a protrusion part (11) of a floor door closer (12). When the lateral hinges are used, the axis of rotation (28) of the hinge rotating part (26) is placed near it in such a way that the hinge rotating part (26) pivotally penetrates into the door way (25) when the glass door is open.

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