

Title (en)
Hydraulic hinge for a glass door

Title (de)
Hydraulisches Scharnier für eine Glastür

Title (fr)
Charnière hydraulique pour porte en verre

Publication
EP 2808474 B1 20160420 (EN)

Application
EP 13169310 A 20130527

Priority
EP 13169310 A 20130527

Abstract (en)
[origin: EP2808474A1] A hydraulic hinge for a glass door has a fixing plate (10), a base (20), a pivot (30), a buffer module (40), and a clamping module (50). The base (20) is combined with the fixing plate (10) and has an oil passage (23). The oil passage (23) is formed in the base (20). The pivot (30) is rotatably mounted in the base (20) and has an adjusting space (32) communicating with the oil passage (23). The buffer module (40) is mounted in the base (20) and has a sliding tube (42) abutting the pivot (30). The clamping module (50) is pivotally mounted on the pivot (30) and can clamp a glass door (70). The glass door (70) can be pivoted relative to the base (20). With the buffer module (40) and the oil passage (23), the glass door (70) can be closed in a smooth movement.

IPC 8 full level
E05D 5/02 (2006.01); **E05F 3/10** (2006.01); **E05F 3/12** (2006.01)

CPC (source: EP)
E05D 5/0246 (2013.01); **E05F 3/104** (2013.01); **E05F 3/12** (2013.01); **E05Y 2201/11** (2013.01); **E05Y 2900/114** (2013.01)

Citation (opposition)
Opponent : Colcom Group S.p.A.
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EP4212689A1

Designated contracting state (EPC)
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