

Title (en)  
Tilt and turn fitting system

Title (de)  
Drehkipps-Beschlagsystem

Title (fr)  
Système de ferrure oscillo-battant

Publication  
**EP 1302616 A1 20030416 (DE)**

Application  
**EP 02016147 A 20020720**

Priority  
DE 10149865 A 20011010

Abstract (en)

Tilt and turn mounting system comprises a connecting rod mounting having a connecting rod drive element, a corner deviating element (4) and a hook-out device (3). The connecting rod drive element, the corner deviating element and the hook-out device are coupled together. The system further comprises a detachable hook-out arm (12) which is fixed to the leaf in a tilted bearing and to a frame in a bearing block. An auxiliary arm (27) is provided on the hook-out arm and is detachably coupled to hook-out arm and/or a locking rail (32, 33) in the tilted bearing. The tilted bearing is detachably arranged on the corner deviating element. <??>Preferred Features: The corner deviating element is connected to the hook-out device via a further corner deviating element. The corner deviating element (4) has a locking part (17) which interacts with the hook-out arm in an opening position of the leaf.

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Abstract (de)

Gegenstand der Erfindung ist ein Drehkipps-Beschlagsystem für Fenster oder Türen. Der lösbare Ausstellarm 12 des Drehkipps-Beschlagsystems soll einen Hilfsarm 27 aufweisen, der an dem Flügel 10 und dem Ausstellarm 12 schwenkbar gelagert ist. Die flügelseitige Schwenklagerung des Hilfsarms 27 soll dabei zur Sicherstellung der Funktionsfähigkeit der Ausstellvorrichtung 3 an dem Eckumlenkungselement 4 angeordnet sein.  
<IMAGE>

IPC 1-7  
**E05D 15/52**

IPC 8 full level  
**E05D 15/52** (2006.01)

CPC (source: EP)  
**E05D 15/5205** (2013.01); **E05Y 2900/148** (2013.01)

Citation (applicant)  
• EP 0683296 B1 20000105 - WINKHAUS AUGUST GMBH CO KG [DE]  
• DE 19616271 A1 19961031 - SIEGENIA FRANK KG [DE]  
• DE 3544778 C1 19860821 - SIEGENIA FRANK KG

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• [DY] EP 0683296 A1 19951122 - WINKHAUS AUGUST GMBH CO KG [DE]  
• [Y] GB 1323786 A 19730718 - FRANK GMBH WILH

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WO2008119451A1; EA014799B1

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