

Title (en)  
Bolt element for an espagnolette

Title (de)  
Verschluss für einen Treibstangenbeschlag

Title (fr)  
Pêne de verrouillage pour une crémone

Publication  
**EP 1683938 A3 20090916 (DE)**

Application  
**EP 05112060 A 20051213**

Priority  
DE 102005002232 A 20050118

Abstract (en)  
[origin: EP1683938A2] Closure comprises an axial guide (18) arranged between the head part (13) and a connecting rod for adjusting the height of the head part by tension of pressing forces. Preferred Features: The axial guide connects the head part opposite the connecting rod in a rotary direction with a holding force. The axial guide is arranged between the head part and the foot part. The head part has a peripheral band (15) on its free end to interact with an edge (16) of a closing metal sheet.

IPC 8 full level  
**E05C 9/18** (2006.01); **E05B 63/06** (2006.01)

CPC (source: EP)  
**E05B 63/06** (2013.01); **E05C 9/1858** (2013.01)

Citation (search report)

- [X] EP 1316661 A1 20030604 - WINKHAUS FA AUGUST [DE]
- [X] GB 2280708 A 19950208 - HEYWOOD WILLIAMS LTD [GB]
- [A] EP 1072745 A1 20010131 - NORSE HYDRO AS [NO]
- [A] DE 3243858 A1 19840530 - WINKHAUS FA AUGUST [DE]

Cited by  
EP3540158A1; WO2021001282A1; EP3798395A1; EP3798396A1; WO2016192919A1; DE102018203958A1; EP3511491A1; DE102018200416A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 1683938 A2 20060726; EP 1683938 A3 20090916; EP 1683938 B1 20121121**; DE 102005002232 A1 20060720; ES 2397958 T3 20130312; PL 1683938 T3 20130430

DOCDB simple family (application)  
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