

Title (en)
Latch mechanism

Title (de)
Verriegelungsvorrichtung

Title (fr)
Mécanisme de verrouillage

Publication
EP 1070816 A1 20010124 (EN)

Application
EP 00306056 A 20000717

Priority
GB 9917198 A 19990723

Abstract (en)
A latch mechanism(10) having a latch bolt(14) for releasably securing a striker in a closed position, the latch bolt being movably mounted on a chassis(16) of the latch mechanism, and a pawl(12) movably mounted on the chassis and engagable with the latch bolt to secure it in a closed position, the pawl and latch bolt each having respective pivot apertures and being movable about respective projections of the chassis extending through said respective pivot apertures, wherein at least one of said apertures and projections is tapered. <IMAGE>

IPC 1-7
E05B 65/32

IPC 8 full level
E05B 65/12 (2006.01); **E05B 65/32** (2006.01)

CPC (source: EP)
E05B 77/04 (2013.01); **E05B 85/26** (2013.01)

Citation (search report)
• [XA] US 5492378 A 19960220 - BITTMANN WERNER [DE], et al
• [XA] US 4172768 A 19791030 - CERDAN JACQUES [FR]
• [A] US 5746457 A 19980505 - KIM MANYEOB [KR]

Cited by
US7128349B2

Designated contracting state (EPC)
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EP 1070816 A1 20010124; EP 1070816 B1 20031029; DE 60006192 D1 20031204; DE 60006192 T2 20040617; GB 9917198 D0 19990922

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