

Title (en)  
Quick fastener

Title (de)  
Schnellverschluss

Title (fr)  
Fermoir rapide

Publication  
**EP 0698355 A1 19960228 (EN)**

Application  
**EP 95113248 A 19950823**

Priority  
CN 94219521 U 19940825

Abstract (en)  
A fastener which is characterized in that the fastener consists of a locknut (6), a pin (2) and a spring (5); the shape of said locknut appears as a barrel with bore surface being a flight of one step, on the portion of smaller bore diameter there are at least one slot (63) extending outwards in the radial direction and axially passing through the whole portion of smaller bore diameter, and at least one positioning groove extending axially and occupying only a part length of the portion of smaller bore diameter; the width and the number of said positioning grooves (61) are equal to those of said slots (63); the said pin is a cylinder (22) at whose end there is at least one convex segment (21) extending outwards in the radial direction, the number, the position relative to each other, the width and the height of the convex segment just match the number, the position relative to each other, the width and the depth of the locknut correspondingly; said locknut (6) is coupled to said pin (2) by way of rotary and sliding housed joint, and said spring (5) is located between said lock nut and said pin. <MATH>

IPC 1-7  
**A44C 5/20**

IPC 8 full level  
**A44C 5/20** (2006.01)

CPC (source: EP KR)  
**A44C 5/2061** (2013.01 - EP); **A44C 25/00** (2013.01 - KR)

Citation (search report)  
• [A] US 3286316 A 19661122 - ANDRE MAROSY  
• [A] FR 505837 A 19200807 - FRITZ ZURBUCHEN [CH]  
• [A] FR 696020 A 19301224

Cited by  
US11583018B2; EP2241337A1

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 0698355 A1 19960228**; CN 2219613 Y 19960214; JP 3023092 U 19960412; KR 960006872 U 19960313

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