

Title (en)  
Buckle

Title (de)  
Schnalle

Title (fr)  
Boucle

Publication  
**EP 1388301 A1 20040211 (EN)**

Application  
**EP 03017927 A 20030806**

Priority  
JP 2002231993 A 20020808

Abstract (en)  
A buckle 1 comprises a male member 10 and a female member 20 for receiving and anchoring the male member. The male member 10 has a male member main body 11, a resiliently deformable insertion piece 15 formed on the male member main body, an anchor surface 18 formed on the insertion piece and an operating section 17 also formed on the insertion piece and adapted to resiliently deform the insertion piece. The female member 20 has a female member main body 21, an insertion hole 23 formed in the female member main body and adapted to receive the corresponding insertion piece of the male member inserted into it, anchor-holding surface 27 to be engaged with the anchor surface of the male member so as to hold the male member in the female member and an aperture 25 adapted to expose the operating section of the male member to the outside as the anchor-holding surface is engaged with the anchor surface. The aperture is formed by inwardly cutting out the front and rear walls 21B, 21C of the periphery of the female member main body 21 having the insertion hole from the lateral wall 21A of the main body and provided at peripheral edge 26B thereof with projecting section 28 projecting toward the aperture. <IMAGE>

IPC 1-7  
**A44B 11/26**

IPC 8 full level  
**A44B 11/25** (2006.01); **A44B 11/26** (2006.01)

CPC (source: EP KR US)  
**A44B 11/25** (2013.01 - KR); **A44B 11/266** (2013.01 - EP US); **Y10T 24/45529** (2015.01 - EP US)

Citation (search report)  
• [A] US 4150464 A 19790424 - TRACY RICHARD J [US]  
• [X] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 13 30 November 1998 (1998-11-30)  
• [A] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 12 25 December 1997 (1997-12-25)

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Designated contracting state (EPC)  
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**EP 1388301 A1 20040211**; **EP 1388301 B1 20090121**; CN 1248610 C 20060405; CN 1473523 A 20040211; DE 60325920 D1 20090312; JP 2004065773 A 20040304; JP 3892363 B2 20070314; KR 100737658 B1 20070709; KR 20040014269 A 20040214; TW 200405796 A 20040416; US 2004025310 A1 20040212

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