

Title (en)
Buckle

Title (de)
Schnalle

Title (fr)
Boucle

Publication
EP 2578105 A1 20130410 (EN)

Application
EP 12178782 A 20120801

Priority
JP 2011168284 A 20110801

Abstract (en)
With respect to a buckle, by selecting a lock position, a lock state of an insertion portion of a male member is prevented from being released abruptly by a release button passing through an opening portion and pushed in. A lock member (70) includes a locking piece (72) locking insertion portion (32) of male member (30), which have been inserted from insertion mouth (51), into the insertion mouth (51); a release button (80) provided in the locking piece (72), protruding outwardly from an opening portion (52) provided in a female main body (50), and also capable of releasing the lock state by a push operation toward an inside of the female main body (50); and return spring (73) positioned between the release button (80) and the inside of the female main body (50), and urging the release button (80) in a direction of outwardly protruding from the opening portion (52) of the female main body (50). The release button (80) can be selected between a release position, wherein the release button can pass the opening portion (52) in the lock state, and a lock position, wherein the release button can abut against a circumferential edge of the opening portion (52).

IPC 8 full level
A44B 11/25 (2006.01)

CPC (source: EP KR)
A44B 11/25 (2013.01 - KR); **A44B 11/2511** (2013.01 - EP); **A44B 11/2573** (2013.01 - EP); **A44B 11/26** (2013.01 - KR)

Citation (applicant)
JP 2011168284 A 20110901 - KAO CORP, et al

Citation (search report)
• [X] US 2010264707 A1 20101021 - TANG TERENCE [HK], et al
• [A] EP 2236351 A1 20101006 - WONDERLAND NURSERYGOODS HONG K [CN]
• [A] WO 0036944 A1 20000629 - KENT CAMERON MICHAEL [AU]
• [A] FR 2328418 A1 19770520 - CORRIDORI CLAUDIO [IT]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2578105 A1 20130410; CN 102907826 A 20130206; JP 2013031506 A 20130214; KR 20130018567 A 20130225

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