

Title (en)
SHOULDER STOCK FASTENING

Title (de)
SCHULTERSTÜTZENBEFESTIGUNG

Title (fr)
SYSTÈME DE FIXATION DE CROSSE

Publication
EP 2021727 A1 20090211 (DE)

Application
EP 07725425 A 20070522

Priority
• EP 2007004525 W 20070522
• DE 102006024961 A 20060529
• DE 102006033259 A 20060718

Abstract (en)
[origin: WO2007137734A1] The invention relates to a adjustable shoulder support system comprising a shoulder stock (21) that can be slid onto a connecting piece (65) from the rear, said connecting piece projecting from the rear of the object provided with the shoulder support system, and having contiguous receiving recesses (61). The shoulder stock (21) has a downward projecting bolt (27) which carries, on its upper end, an engaging element for engaging in the receiving recesses (61) or which is configured as such. The shoulder support system also comprises a lever (29), arranged in the area of the lower end of the bolt (27) and engaging with the same, for disengaging the engaging body from one of the receiving recesses (61) when the bolt is withdrawn. Said lever (29), on its top, has a recess which receives the lower end of the bolt (27), said recess being closed to the bottom, and a fastening or cross pin (33) being mounted so as to transversally extend through the bolt (27) or its extension in such a manner that it does not project outward beyond the molded material of the lever (29). The lever (29) is also accommodated inside lateral flanks (35) of the shoulder stock (21).

IPC 8 full level
F41C 23/04 (2006.01); **F41C 23/06** (2006.01); **F41C 23/14** (2006.01)

CPC (source: EP KR US)
F41C 23/04 (2013.01 - EP US); **F41C 23/06** (2013.01 - EP KR US); **F41C 23/14** (2013.01 - EP KR US)

Citation (search report)
See references of WO 2007137734A1

Cited by
US9784526B2; WO2012050670A3; US11740050B2; WO2021245630A1

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
WO 2007137734 A1 20071206; AT E467094 T1 20100515; CA 2653729 A1 20071206; CA 2653729 C 20110809;
DE 102006033259 A1 20071213; DE 102006033259 B4 20080710; DE 502007003663 D1 20100617; DK 2021727 T3 20100621;
EP 2021727 A1 20090211; EP 2021727 B1 20100505; KR 101104059 B1 20120106; KR 20090018796 A 20090223;
US 2009139128 A1 20090604; US 7849626 B2 20101214

DOCDB simple family (application)
EP 2007004525 W 20070522; AT 07725425 T 20070522; CA 2653729 A 20070522; DE 102006033259 A 20060718;
DE 502007003663 T 20070522; DK 07725425 T 20070522; EP 07725425 A 20070522; KR 20087029089 A 20070522; US 32457708 A 20081126