

Title (en)

A rucksack hip pad

Title (de)

Hüftpolster für Rucksack

Title (fr)

Coussin de hanche pour sac à dos

Publication

**EP 0570192 B1 19970917 (EN)**

Application

**EP 93303633 A 19930511**

Priority

GB 9210129 A 19920511

Abstract (en)

[origin: EP0570192A1] A hip pad and/or hip belt typically for use with a rucksack is disclosed. The hip pad includes an elongate foamed plastics element (10) to one surface of which a web (12) of stiff plastics material is mounted, which is characterised by additional reinforcement (14) in the form of a plurality of protrusions (18) and intervening grooves (20) provided in or on the web, with the grooves extending in a direction transversely to the longitudinal extent of the pad. Thus, in use, the grooves extend in a direction from the top to the bottom of the pad. The provision of such additional reinforcement protrusions facilitates an improved transmission of load to the pelvis of the wearer, whilst the transfer grooves permit the belt to still maintain a sufficient degree of flexibility in the longitudinal direction to allow it to be shaped to the body of the wearer. The load is thus spread more effectively and the overall weight of the hip pad may be reduced. Additionally a hip belt is described which comprises a pair of hip pads as aforementioned, with each hip pad having an enlarged region which in use lies adjacent the lumbar region of the wearer. <IMAGE>

IPC 1-7

**A45F 3/04**

IPC 8 full level

**A45F 3/04** (2006.01)

CPC (source: EP)

**A45F 3/04** (2013.01)

Cited by

GB2490743A; GB2490743B; FR2823083A1; US5725139A; EP2522250A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 0570192 A1 19931118; EP 0570192 B1 19970917**; AT E158154 T1 19971015; DE 69313916 D1 19971023; DE 69313916 T2 19980212; DK 0570192 T3 19980330; ES 2109436 T3 19980116; GB 9210129 D0 19920624; GR 3025700 T3 19980331

DOCDB simple family (application)

**EP 93303633 A 19930511**; AT 93303633 T 19930511; DE 69313916 T 19930511; DK 93303633 T 19930511; ES 93303633 T 19930511; GB 9210129 A 19920511; GR 970403351 T 19971217