

Title (en)
Construction for a better air circulation for the dorsale part of a backpack

Title (de)
Konstruktion zur besseren Luftzirkulation bei Rucksackrückenpartien

Title (fr)
Construction pour une meilleure circulation d'air por la partie dorsale d'un sac à dos

Publication
EP 0979625 A1 20000216 (DE)

Application
EP 98115230 A 19980813

Priority
EP 98115230 A 19980813

Abstract (en)
AT the back of the rucksack there is a one-piece plastics component (10) and a pretensioned mesh (9). The plastics component has two vertically aligned reinforcement side parts (1) with a centre middle web (2) connected in the upper third to the two vertically aligned side parts. Underneath, the vertical centre part is connected to the side parts by a horizontal web (4). An additional horizontal cross connection (6) runs between the vertical side parts in the upper third and in the lower half there are two additional diagonal reinforcements (7). The two lower ends of the component are connected together by an elastic cross strap (8) which gives the lower horizontal web a concave curvature.

Abstract (de)
Konstruktion zur besseren Luftzirkulation bei Rucksackrückenpartien, die aus einer einteiligen Kunststoffkomponente(10), sowie einem vorgespannten Netz(9) mit einem Querband(8) besteht. <IMAGE>

IPC 1-7
A45F 3/04

IPC 8 full level
A45F 3/04 (2006.01)

CPC (source: EP)
A45F 3/04 (2013.01); **A45F 2003/125** (2013.01)

Citation (search report)
• [A] DE 9090116 U1 19910529
• [A] EP 0273087 A1 19880706 - PROPOSTA SPA [IT]
• [A] EP 0158154 A2 19851016 - DEUTER IND [DE]
• [A] DE 9101486 U1 19910502
• [A] DE 3844675 A1 19900628 - SALEWA GMBH SPORTGERAETEFAB [DE]
• [A] US 4676418 A 19870630 - LOWE GREG E [US]
• [A] DE 9311652 U1 19941201 - LIWACO OVERSEAS MARKETING GMBH [DE]

Citation (third parties)
Third party :
AT 1945 U1 19980225 - DREXEL JOHANNES [AT]

Cited by
US7793809B2; US2011309124A1; US2011284608A1; US8672203B2; WO03055349A1

Designated contracting state (EPC)
BE CH DE DK ES FI FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0979625 A1 20000216

DOCDB simple family (application)
EP 98115230 A 19980813