

Title (en)
Load carrying system

Title (de)
Lasttragesystem

Title (fr)
Système de support de charge

Publication
EP 2324731 A2 20110525 (EN)

Application
EP 10191306 A 20101116

Priority
IL 20214809 A 20091116

Abstract (en)
A load carrying system for a wearer, comprising a carrier (10) made of at least one flexible carrier material and comprising a front portion (11) to be disposed at the wearer's front, and a back portion (31) to be disposed at the wearer's back, when the system is worn by the wearer; a load attachment arrangement (90) for detachably attaching a load to at least said front portion; a front load distribution arrangement comprising at least one elongated front load distribution element (81) made of a material more rigid than said carrier material and attached to the front portion of the carrier by a front attachment member (25) different from, and operating independently of, said load attachment arrangement; and a back load distribution arrangement disposed in said back portion of the carrier and separated from said front load distribution arrangement by the material of the carrier.

IPC 8 full level
A45F 3/04 (2006.01); **F41H 1/02** (2006.01); **A45F 3/06** (2006.01); **A45F 3/14** (2006.01)

CPC (source: EP US)
A45F 3/04 (2013.01 - EP US); **A45F 3/14** (2013.01 - EP US); **F41H 1/02** (2013.01 - EP US); **A45F 3/06** (2013.01 - EP US); **A45F 2003/001** (2013.01 - EP US); **A45F 2003/045** (2013.01 - EP US); **A45F 2003/142** (2013.01 - EP US)

Citation (applicant)
• US 2009020580 A1 20090122 - TATE AARN [NZ]
• US 2008010730 A1 20080117 - TWITO SHACHAR Z [IL], et al

Cited by
ITPD20120004A1; GB2524205A; GB2524205B; DE102018205186A1; WO2014096797A1

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 2324731 A2 20110525; AU 2010241472 A1 20110602; IL 202148 A0 20101130; US 2011114684 A1 20110519

DOCDB simple family (application)
EP 10191306 A 20101116; AU 2010241472 A 20101115; IL 20214809 A 20091116; US 94658710 A 20101115