

Title (en)
Load carrying apparatus

Title (de)
Lastträgervorrichtung

Title (fr)
Appareil de support de charge

Publication
EP 2522251 A1 20121114 (EN)

Application
EP 12167926 A 20120514

Priority
GB 201108120 A 20110513

Abstract (en)
The present invention provides a load carrying apparatus (10) having a frame (18) and a load transfer belt (15). The load transfer belt (15) transfers load from the load carrying apparatus (10) to the user's hips. A rotary connection (16) and a hinge connection (34) connect between the load transfer belt (15) and the frame (18). The rotary connection (16) permits the belt to rotate about a rotary axis of rotation (33), and the hinge connection (34) permits the belt to rotate about a hinge axis of rotation (35). The hinge axis of rotation (35) is perpendicular to the rotary axis of rotation (33).

IPC 8 full level
A45F 3/10 (2006.01); **A45F 3/04** (2006.01); **A45F 3/08** (2006.01); **A45F 3/14** (2006.01)

CPC (source: EP GB)
A45F 3/04 (2013.01 - GB); **A45F 3/08** (2013.01 - EP); **A45F 3/10** (2013.01 - EP); **A45F 2003/045** (2013.01 - EP); **A45F 2003/144** (2013.01 - EP)

Citation (applicant)
• US 2008035686 A1 20080214 - GREGORY WAYNE B [US]
• US 2008041906 A1 20080221 - ROSE GORDON [CA], et al
• US 7287677 B2 20071030 - REID LAWRENCE CARTER [CA]
• US 2010243694 A1 20100930 - ODDOU PAUL [US], et al

Citation (search report)
• [XAY] WO 2005048769 A1 20050602 - SANCHEONG CO LTD [KR], et al
• [X] US 2008257928 A1 20081023 - LOWRY PHILIP L [US], et al
• [Y] US 7337935 B1 20080304 - GLANVILLE JAMES J [US]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR 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 2522251 A1 20121114; **EP 2522251 B1 20170329**; CN 102771994 A 20121114; CN 102771994 B 20160810; GB 201108120 D0 20110629; GB 2490744 A 20121114; GB 2490744 B 20170201; JP 2013006017 A 20130110; JP 6096422 B2 20170315

DOCDB simple family (application)
EP 12167926 A 20120514; CN 201210149486 A 20120514; GB 201108120 A 20110513; JP 2012110863 A 20120514