

Title (en)
RUCKSACK

Title (de)
RUCKSACK

Title (fr)
SAC À DOS

Publication
EP 3892152 B1 20230830 (EN)

Application
EP 19891888 A 20190613

Priority
• JP 2018227631 A 20181204
• JP 2019023401 W 20190613

Abstract (en)
[origin: EP3892152A1] A backpack ensuring a ventilation and improving a health-promoting effect is provided. The backpack (1) includes; a storage part (2); a pair of shoulder belts (3) attached to the storage part (2); and a supporter (4) worn on a back of a wearer with supporting the storage part (2). The supporter (4) includes: a mesh net (10) having ventilation characteristic; an annular frame (11) provided along the storage part (2) in up-down and right-left directions; and a ball member (13) provided between the mesh net (10) and the storage part (2) and attached to the frame (11) via a spring (12). The ball member (13) is arranged to bias in a direction where the mesh net (10) is pushed by the spring (12) when the backpack (1) is worn on the back of the wearer with the shoulder belts (3).

IPC 8 full level
A45F 3/04 (2006.01); **A61H 39/04** (2006.01)

CPC (source: EP)
A45F 3/04 (2013.01); **A61H 15/00** (2013.01); **A61H 39/04** (2013.01); **A45F 2003/125** (2013.01); **A45F 2003/142** (2013.01); **A61H 2015/0042** (2013.01); **A61H 2201/1623** (2013.01); **A61H 2201/165** (2013.01); **A61H 2201/1697** (2013.01); **A61H 2205/081** (2013.01)

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

DOCDB simple family (publication)
EP 3892152 A1 20211013; **EP 3892152 A4 20221102**; **EP 3892152 B1 20230830**; CA 3113209 A1 20200611; CA 3113209 C 20221115; JP 2020089505 A 20200611; JP 6820019 B2 20210127; WO 2020115931 A1 20200611

DOCDB simple family (application)
EP 19891888 A 20190613; CA 3113209 A 20190613; JP 2018227631 A 20181204; JP 2019023401 W 20190613