

Title (en)
STREAMLINED QUICK FILL FLUID CONTAINER SYSTEM

Title (de)
STROMLINIENFÖRMIGES FLÜSSIGKEITSBEHÄLTERSYSTEM MIT SCHNELLFÜLLUNG

Title (fr)
SYSTÈME DE RÉCIPIENT PROFILÉ POUR LIQUIDES À REMPLISSAGE RAPIDE

Publication
EP 2185027 A4 20150506 (EN)

Application
EP 08795390 A 20080815

Priority
• US 2008009809 W 20080815
• US 89750307 A 20070830

Abstract (en)
[origin: WO2009032060A1] In a quick fill fluid container system The present invention comprises a hollow container having a cavity or a reservoir for receiving fluids, preferable water but may be any other kind of fluids which refreshes the user or provides nourishment, reasonably necessary to refresh the user. The container has a generally streamlined shape which generally conforms on at least one side to the shape of a bicycle frame or other structure. The width of the container may be wider than the bicycle frame to permit the holding of more fluid in the cavity or reservoir of the container. The sides of the container and its mounting bracket are constructed to mate with one another in a streamlined fashion so that the resistance to air flow or drag is reduced. A hollow extraction tube is provided for access by the user and includes a mouth piece with a normally closed bite valve which is operated by the user to open the valve to extract water from the container. The container intake port is disposed at any selected fixed angle to the vertical axis of the container to provide a quick fill capability even while underway and the intake port may be rotatable attached to dispose the intake tube at an infinite number of angles.

IPC 8 full level
A45F 3/16 (2006.01)

CPC (source: EP US)
A45F 3/16 (2013.01 - EP US); **B62J 9/22** (2020.02 - EP US); **B62J 11/04** (2020.02 - EP US)

Citation (search report)
• [XYI] US 2004261902 A1 20041230 - EDDINS FRED D [US], et al
• [X] US 5497920 A 19960312 - MOELLER MICHAEL D [US], et al
• [Y] US 5647516 A 19970715 - YOUNG WILLIAM C [US], et al
• See references of WO 2009032060A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2009032060 A1 20090312; EP 2185027 A1 20100519; EP 2185027 A4 20150506

DOCDB simple family (application)
US 2008009809 W 20080815; EP 08795390 A 20080815