Title (en)

Combination grasping device and walking cane with detachable base

Title (de)

Kombination aus einer Greifvorrichtung und einem Spazierstock mit abnehmbarem Unterteil

Title (fr)

Combinaison d'un dispositif de saisie et d'une canne avec une base détachable

Publication

EP 2027790 A1 20090225 (EN)

Application

EP 07016448 A 20070822

Priority

EP 07016448 A 20070822

Abstract (en)

Provided herewith is a walking cane device that converts into a tool for grasping items out of the normal reach of an individual. The device comprises two vertical members, pivotably connected to each other, One end of the device is a handle end (2) and the other end is the tip end (4). Upon releasing a locking mechanism (13) the handle end (2) can be opened up, thereby opening up the tip end (4) to provide a gripper end for grasping objects distant from the handle end. The gripper end being shaped to provide a flat gripper portion for grasping objects as well as a concave surface portion for gripping cylindrical objects. Upon closing the apparatus, the two vertical members interlock to prevent the members from separation during use as a cane. Also provided is a detachable broader base (45) that can be secured to the tip of the device when utilized as a cane.

IPC 8 full level

A45B 3/00 (2006.01)

CPC (source: EP)

A45B 3/00 (2013.01)

Citation (search report)

- [AD] US 6527321 B1 20030304 - KUCIAUSKAS ALEX [US]
- [A] GB 2274082 A 19940713 - ACTON ROBERT JOHN [GB]
- [A] US 4827956 A 19890509 - TOOT WILLIAM W [US]

Cited by

US9468271B2; US10058150B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 2027790 A1 20090225; **EP 2027790 B1 20110427**; AT E506874 T1 20110515; DE 602007014205 D1 20110609

DOCDB simple family (application)

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