

Title (en)

DEVICE FOR PICKING UP FRUITS OR OTHER OBJECTS FROM THE GROUND

Title (de)

VORRICHTUNG ZUR AUFNAHME VON FRÜCHTEN ODER ANDEREN OBJEKTEN VOM BODEN

Title (fr)

DISPOSITIF PERMETTANT DE RAMASSER DES FRUITS OU D'AUTRES OBJETS SUR LE SOL

Publication

EP 2773179 A1 20140910 (EN)

Application

EP 12795751 A 20121102

Priority

- IT VI20110293 A 20111104
- EP 2012071755 W 20121102

Abstract (en)

[origin: WO2013064660A1] A device (100) is proposed for picking up fruits and other objects from the ground. The device (100) comprises a container (102) which can be rotated about a rotation axis (R) and extending from a first end (102a) to a second end (102b), both lying on the rotation axis (R). The container (102) comprises a plurality of elastic elements (103) of elongated shape, which extend between the first and second end (102a, 102b) so as to allow the objects to be picked up to be housed within the container (102). These elastic, wire-like elements (103) allow the objects to enter the container by means of elastic deformation during the rotation about the axis (R) of the container in contact with the ground. The elastic, wire-like elements (103) are fixed to at least one of the first and second end (102a, 102b) in a removable manner, so as to allow for quick fixing to or disconnection from the end of the container (102). This enables quick and cost-effective assembly and maintenance operations.

IPC 8 full level

A01D 51/00 (2006.01); **A63B 47/02** (2006.01)

CPC (source: EP)

A01D 51/002 (2013.01); **A63B 47/021** (2013.01); **A63B 2210/50** (2013.01)

Citation (search report)

See references of WO 2013064660A1

Cited by

CN111991777A; WO2016180470A1

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)

WO 2013064660 A1 20130510; EP 2773179 A1 20140910; IT VI20110067 U1 20130505

DOCDB simple family (application)

EP 2012071755 W 20121102; EP 12795751 A 20121102; IT VI20110067 U 20111109