

Title (en)
Ball pick-up and dispenser

Title (de)
Ballaufnahme- und -abgabevorrichtung

Title (fr)
Ramasseur-distributeur de balles.

Publication
EP 0885637 A1 19981223 (FR)

Application
EP 98401514 A 19980622

Priority
FR 9707715 A 19970620

Abstract (en)
The ball collector consists of a vertical cylinder (1) of a moulded synthetic material, long enough to hold a number of balls (11), an open lower end with a shutter (4) which allows balls to pass in but not out, and a side aperture (5) with flexible edges through which the balls can be removed. The upper end of the cylinder is equipped with a handle which, in a variant, can be of adjustable length. The balls are picked up by pressing the open lower end of the cylinder down on top of them, with each ball pushing up those above it. When required for use the balls are taken one at a time through the side aperture, or they can be tipped out by inverting the cylinder.

IPC 1-7
A63B 47/02

IPC 8 full level
A63B 47/02 (2006.01)

CPC (source: EP)
A63B 47/02 (2013.01)

Citation (search report)
• [A] FR 2416703 A1 19790907 - REYRE PAUL [FR]
• [A] US 4522438 A 19850611 - LOGUE DEWITT M [US]
• [A] FR 2698282 A1 19940527 - MARTZ GILBERT [FR]
• [A] FR 2599263 A1 19871204 - RAU JEAN PAUL [FR]
• [A] US 4678108 A 19870707 - INMAN CHARLES S [US]

Cited by
ITCA20100006A1; WO2017068411A1; WO2009012642A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)
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