

Title (en)

Retention device for a conveyor for safety cages for tops of bottles for sparkling drinks

Title (de)

Haltevorrichtung für eine Fördereinrichtung für Sicherheitskäfige für Flaschendeckel für Brausegetränke

Title (fr)

Dispositif de rétention pour convoyeur pour cages de sécurité pour les capsules de bouteilles de boissons gazeuses

Publication

EP 1944102 A1 20080716 (EN)

Application

EP 07024693 A 20071220

Priority

IT TO20070019 A 20070115

Abstract (en)

A retention device (50) for a conveyor (10) for safety cages for tops of bottles for sparkling drinks comprises a device body (51) designed to be fixed to a rotary table (20) of said conveyor, made in which is a receptacle (54) for housing the body (3) of a safety cage. The device further comprises magnets (60) mounted on said device body, which are designed to exert a contactless force on said body of the cage in such a way as to cause it to rest upon the resting surface (55) of said receptacle.

IPC 8 full level

B21F 45/04 (2006.01); **B67B 5/06** (2006.01)

CPC (source: EP)

B21F 45/04 (2013.01); **B67B 5/06** (2013.01)

Citation (applicant)

- IT 1072710 B 19850410 - ICAS S A S DI GIOVANNI POMA & [IT]
- IT 1285348 B1 19980603 - GEFIN SRL [IT]

Citation (search report)

- [X] WO 8911360 A1 19891130 - CREMER PETER [DE], et al
- [XY] EP 0366955 A1 19900509 - SICK OTTO GMBH [DE]
- [DY] EP 0808793 A1 19971126 - GEFIN SRL [IT]
- [X] DE 3539932 A1 19870514 - SICK KG OTTO [DE]
- [X] EP 0036585 A2 19810930 - NUOVA ROBINO & GALANDRINO [IT]

Cited by

EP2898964A1; ITTO20100570A1

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)

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