

Title (en)
GRIP DEVICE FOR CONTAINERS

Title (de)
GREIFVORRICHTUNG FÜR BEHÄLTER

Title (fr)
DISPOSITIF DE PRÉHENSION POUR RÉCIPIENTS

Publication
EP 3802055 A1 20210414 (EN)

Application
EP 19731346 A 20190523

Priority
• IT 201800005793 A 20180529
• IB 2019054262 W 20190523

Abstract (en)
[origin: WO2019229595A1] A grip device (1) for containers, in particular for preforms (10) of plastic containers, which comprises at least one elongated body (2) which has, at a first end (2a), a supporting body (3) and, at the opposite end, a radially expandable element (4) in order to pass, on command, between a retracted condition which is adapted to allow the insertion and the withdrawal of at least one portion of the elongated body (2) into or out of a cavity (10a) which is defined in a respective container (10), and an expanded condition in which the expandable element (4) is engaged against the inner surface of the cavity so as to allow the gripping and the movement of the respective container (10); the expandable element (4) has a plurality of longitudinal elements (5) which are arranged around an axis of extension and of movement (100) and are provided in a single piece with the supporting body (3); the grip device (1) comprises an actuation body (20) which is arranged internally with respect to the expandable element (4) and can move, on command, longitudinally in order to engage with an inner coupling surface (6) which is defined on the longitudinal elements (5) in order to cause their radial expansion, the longitudinal elements (5) being elastically radially expandable and retractable in order to autonomously return to the retracted condition.

IPC 8 full level
B29C 49/06 (2006.01); **B29C 49/42** (2006.01)

CPC (source: EP)
B29C 49/4205 (2013.01); **B29C 49/06** (2013.01); **B29C 49/42085** (2022.05); **B29C 2949/0715** (2022.05)

Citation (search report)
See references of WO 2019229595A1

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

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