

Title (en)
ECCENTRICALLY-CONTROLLED CONTAINER GRIPPING DEVICE

Title (de)
EXZENTERGESTEUERTE GREIFVORRICHTUNG FÜR BEHÄLTER

Title (fr)
DISPOSITIF DE PREHENSION DE RECIPIENTS A COMMANDE EXCENTRIQUE

Publication
EP 1497223 A1 20050119 (FR)

Application
EP 03740624 A 20030416

Priority
• FR 0301215 W 20030416
• FR 0204986 A 20020422

Abstract (en)
[origin: US2003197391A1] The gripping device for taking hold of receptacles comprises tongs having a first jaw fixed to a rotary platform and a second jaw mounted to pivot relative to the first jaw and provided with a control arm, and a locking member mounted to pivot eccentrically about an axis constrained to move with the rotary platform to act on the control arm of the second jaw, said locking member being provided with a drive member disposed to come to face an opening actuating member and a closing actuating member, which members are carried by a stationary frame element.

IPC 1-7
B67C 3/24

IPC 8 full level
B67B 3/20 (2006.01); **B67C 3/24** (2006.01)

CPC (source: EP US)
B67B 3/206 (2013.01 - EP US); **B67C 3/242** (2013.01 - EP US)

Citation (search report)
See references of WO 03089363A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
US 2003197391 A1 20031023; US 6959953 B2 20051101; AT E328846 T1 20060615; BR 0309077 A 20050222; CN 1646412 A 20050727; DE 60305908 D1 20060720; DE 60305908 T2 20061228; DK 1497223 T3 20061009; EP 1497223 A1 20050119; EP 1497223 B1 20060607; ES 2265108 T3 20070201; FR 2838712 A1 20031024; FR 2838712 B1 20040625; JP 2005523213 A 20050804; PT 1497223 E 20061031; WO 03089363 A1 20031030

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US 41339103 A 20030415; AT 03740624 T 20030416; BR 0309077 A 20030416; CN 03808757 A 20030416; DE 60305908 T 20030416; DK 03740624 T 20030416; EP 03740624 A 20030416; ES 03740624 T 20030416; FR 0204986 A 20020422; FR 0301215 W 20030416; JP 2003586087 A 20030416; PT 03740624 T 20030416