

Title (en)
Bottle cleaning machine

Title (de)
Flaschenreinigungsmaschine

Title (fr)
Machine de nettoyage de bouteilles

Publication
EP 1731231 A3 20100804 (DE)

Application
EP 06010576 A 20060523

Priority
DE 102005026080 A 20050607

Abstract (en)
[origin: EP1731231A2] The machine has a set of processing compartments arranged in series in a process flow direction. Bottles are passed in bottle cells or other transport systems by presoaked baths (10), brine baths and spraying stations of the compartments. Device for removing labels works together with the individual bottles. An active arrangement for label removal with specifically directed fluid flow is provided in the presoaked bath that follows directly towards a bottle feeding.

IPC 8 full level
B08B 3/14 (2006.01)

CPC (source: EP)
B08B 3/14 (2013.01); **B08B 9/083** (2013.01); **B08B 9/30** (2013.01)

Citation (search report)

- [X] DE 3914412 A1 19901031 - SEITZ ENZINGER NOLL MASCH [DE]
- [A] DE 19650944 C1 19980604 - KRONSEDER MASCHF KRONES [DE]
- [A] DE 4225018 A1 19940203 - SEITZ ENZINGER NOLL MASCH [DE]

Cited by
CN105290068A; CN103801540A; EP3666403A1; WO2020119958A1

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 NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1731231 A2 20061213; EP 1731231 A3 20100804; EP 1731231 B1 20111214; AT E536944 T1 20111215; DE 102005026080 A1 20061228; DE 102005026080 B4 20070606; RU 2006119909 A 20071227; RU 2391153 C2 20100610

DOCDB simple family (application)
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