

Title (en)
BOTTLE WASHING SYSTEM COMPRISING BOTTLE CELLS WITH A CENTRING DEVICE AND AT LEAST ONE NOZZLE FOR THE FLUID APPLICATION

Title (de)
FLASCHENWASCHANLAGE UMFASSEND FLASCHENZELLEN MIT ZENTRIEREINRICHTUNG UND MINDESTENS EINER DÜSE ZUR FLUIDAUSBRINGUNG

Title (fr)
INSTALLATION DE LAVAGE DE BOUTEILLES COMPRENANT DES CELLULES DE BOUTEILLES AVEC UN DISPOSITIF DE CENTRAGE ET AU MOINS UNE BUSE POUR L'APPLICATION D'UN FLUIDE

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Application
EP 23162265 A 20230316

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DE 102022106255 A 20220317

Abstract (en)
[origin: CN116765073A] The invention relates to a bottle cleaning system comprising a bottle unit with centering means and at least one nozzle for dispensing a fluid. The invention relates to a bottle cleaning system comprising means for conveying bottles, said means for conveying bottles comprising bottle units through which a respective bottle can be conveyed in each bottle unit, said bottle units comprising centering means by means of which the bottle units can be centered by means of the bottle cleaning system. A bottle opening can be centered within the bottle unit, and wherein at least one nozzle for dispensing a fluid is provided in the bottle cleaning system, which nozzle can be inserted into the interior of the bottle through the centered bottle opening.

Abstract (de)
Flaschenwaschanlage (100, 300) umfassend eine Einrichtung zum Transport von Flaschen (105), welche Flaschenzellen (101, 200, 301, 400) umfasst, wobei in jeder Flaschenzelle (101) jeweils eine Flasche (105) durch die Flaschenwaschanlage (100, 300) transportiert werden kann wobei eine Flaschenzelle (100, 200, 301, 400) eine Zentriereinrichtung (102, 302, 401) umfasst, mittels welcher eine Flaschenmündung (104) innerhalb der Flaschenzelle (101, 200, 301, 400) zentriert werden kann und wobei in der Flaschenwaschanlage (100, 300) mindestens eine Düse zur Fluidausbringung (103, 310a, 310b, 402) vorgesehen ist, welche durch die zentrierte Flaschenmündung (104) in das Innere (106) der Flasche (105) eingeführt werden kann.

IPC 8 full level
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Citation (applicant)

- DE 19637860 A1 19980319 - KHS MASCH & ANLAGENBAU AG [DE]
- EP 2821151 A1 20150107 - KRONES AG [DE]

Citation (search report)

- [XY] GB 1000860 A 19650811 - JAMES BELL MACHINERY PROPRIETA
- [XYI] GB 211968 A 19240303 - JOSEPH PARRY
- [YD] EP 2821151 A1 20150107 - KRONES AG [DE]
- [Y] FR 1074383 A 19541005
- [Y] DE 102009020957 A1 20101202 - KHS GMBH [DE]

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