

Title (en)
SPRAY NOZZLE FOR BOTTLE CLEANING MACHINES

Publication
EP 0134830 B1 19870128 (DE)

Application
EP 83109149 A 19830916

Priority
EP 83109149 A 19830916

Abstract (en)
[origin: EP0134830A1] 1. Spray device for cleaning machines, especially bottle cleaning machines, having an intermittently rotating and/or oscillating cylindrical nozzle body (5) disposed externally of a spray tank (1) which supplies the spray fluid for spraying, the nozzles of said nozzle body extending substantially perpendicular to the rotational axis of the nozzle body (5), characterised in that, for each particular spraying position, two or more nozzles (I and III) are provided adjacent one another and, additionally thereto, at least two crosswisely extending nozzles (II and IV) are provided which are mounted so as to be displaceable during their rotational movement in such a manner that the particular nozzle opening ready for the spraying operation is displaceable into any desired position relative to the mouth of a vessel which is passed along thereabove.

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B67C 1/06; **B05B 15/02**

IPC 8 full level
B05B 15/02 (2006.01); **B05B 15/50** (2018.01); **B08B 9/34** (2006.01)

CPC (source: EP US)
B05B 15/50 (2018.01 - EP US); **B08B 9/34** (2013.01 - EP US)

Cited by
DE10315866B4; AU643415B3; DE4137910A1; EP0403794A1; DE3920292A1; EP0411377A3; US5092356A; DE3925725C1; US8480813B2; WO2008055663A1

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