

Title (en)
Corking machine

Title (de)
Verkorkungsmaschine

Title (fr)
Machine de bouchage

Publication
EP 0941960 B1 20030528 (EN)

Application
EP 99200656 A 19990305

Priority
IT MI980469 A 19980309

Abstract (en)
[origin: EP0941960A1] A corking machine comprising a column (11) tied to a fixed support (13) and destined to hold corks (15) falling down vertically one after the other originating from an external feeder, and an apparatus (26) for distributing and inserting the corks (15) in bottles (18), composed of a rotating platform (20) supporting a series of levers (24) and brackets (17) capable of picking up in flight and transporting the cork (15) to a block (29) for compressing the same, prior to inserting it into the neck (35) of the bottle (18), with the aid of a punch (21) sliding in a cylinder (23). The rotating platform (20) provides a number of levers (24) and brackets (17) for picking up, firmly holding and transporting the cork (15), matching the number of the machine's corking heads; moreover, there are appropriately shaped cam systems (28, 30, 31) and mechanical synchronizing devices which allow closing and opening the brackets (17) at the appropriate instants. <IMAGE>

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B67B 1/04

IPC 8 full level
B67B 1/04 (2006.01)

CPC (source: EP)
B67B 1/04 (2013.01)

Cited by
ITPD20110032A1; EP1314683A1; US6823583B2; CN115321459A; EP1624189A1; WO2006061858A1

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