

Title (en)

DEVICE FOR FILLING, ESPECIALLY WITH A LIQUID OR SOLID FLUENT MEDIUM, A CONTAINER, ESPECIALLY A CASK, CLOSED BY A SCREW-STOPPER OR A STOPPER SHAPED OTHERWISE

Publication

EP 0290649 B1 19900620 (DE)

Application

EP 87106911 A 19870513

Priority

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Abstract (en)

[origin: US4804024A] In the fill apparatus, a container feed belt with a lifting frame at the entry end includes container supporting and centering pulleys for displacing the empty container in the horizontal direction by means of alignment pulleys engaging the container rim in order to rotate the container about its longitudinal axis. A first work station arranged above the container includes a rotary disk rotatable about a vertical axis with circumferentially arranged devices participating in the rotary movement of the rotary disk for unscrewing the screw plugs closing the container fill opening, measuring the moisture content and seeking the container's bung hole. A second work station following the first work station includes a filling device. A third work station having a filling device and a following third work station includes devices for screwing the screw plugs on to the container openings and for mounting safety caps. Simultaneous use of the three work stations makes it possible to simultaneously deal with three containers.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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