

Title (en)

GASSING APPARATUS AND METHOD FOR GASSING A CONTAINER

Title (de)

BEGASUNGSVORRICHTUNG UND VERFAHREN ZUM BEGASEN EINES BEHÄLTERS

Title (fr)

APPAREIL DE FOURNITURE DE GAZ ET PROCÉDÉ DE FOURNITURE DE GAZ À UN RÉCIPIENT

Publication

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Application

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Abstract (en)

[origin: WO2021144011A1] The invention relates to a gassing apparatus for gassing a container (100), comprising a rotatable gassing rotor (2) having a container receptacle (20) for receiving the container (100) and having a feed region (21) for feeding gas into the gassing rotor (2) via a feed opening (22), wherein the container receptacle (20) comprises a gassing nozzle (23), which gassing nozzle (23) is fluidically connected to the feed opening (22) of the feed region (21) via a channel (24) in order to gas the container (100); and a stationary gas supply line (3) having a stationary supply opening (31), which stationary supply opening (31) is arranged in the feed region in such a way that the supply opening can be fluidically connected to the feed opening, wherein, in the operating mode, the gas can be supplied to the gassing rotor (2) from the gas supply line (3) in that the feed opening (22) is moved towards the stationary supply opening (31) by means of rotation of the gassing rotor (2), as a result of which the feed opening (22) is fluidically connected to the supply opening (31), characterized in that the feed region (21) is contactlessly connected to the gas supply line (3) in the form of a labyrinth seal (4), such that the gassing rotor (2) is rotatable relative to the gas supply line (3) in the operating mode.

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