Title (en)
DEVICE FOR MINIMIZING OXYGEN CONTENT

Title (de)
VORRICHTUNG ZUM MINIMIEREN DES SAUERSTOFFGEHALTES

Title (fr)
DISPOSITIF DESTINÉ À MINIMISER LA TENEUR EN OXYGÈNE

Publication
EP 2125524 B1 20111109 (DE)

Application
EP 08734795 A 20080327

Priority
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• DE 102007015078 A 20070329

Abstract (en)
[origin: US9150317B2] A device minimizes the oxygen content in containers provided with a displacement medium or fluid by a feed unit (20). The displacement medium displaces oxygen from the container before closing. The food device (20) has one medium feed channel to introduce the displacement medium into the container and being at least partially a component of a filling device (26) for filling the container. The filling device (26) has a filling mandrel (17) with a filling channel (28), from which the media feed channel extends in a separated manner. The filling mandrel (17) has at least one further medium transport channel. The filling channel (28) is guided at its free cross-section in a ring channel region of the filling mandrel (17) having a larger cross-section. The filling channel (28) separates the medium feed channel from the medium transport channel within the ring channel region in a fluid-tight manner.

IPC 8 full level
B65B 3/02 (2006.01); **B65B 31/04** (2006.01)

CPC (source: EP KR US)
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