

Title (en)

Machine for packaging products in a protected environment

Title (de)

Maschine für Verpacken der Produkte in einem geschützten Klima

Title (fr)

Machine pour emballage des produits dans un environnement protégé

Publication

**EP 1647488 A2 20060419 (EN)**

Application

**EP 05021918 A 20051007**

Priority

IT BO20040626 A 20041013

Abstract (en)

A machine for packaging products into relative containers (1) in a protected environment includes a plurality of work stations, respectively, a station (10) for preparing the containers (1), a station (20) for their sterilization and cooling, a container filling station (30) and a container closing station (40). The filling station (30) and the closing station (40) are aligned one after the other, in a controlled atmosphere chamber (50), which is defined by a bottom wall (51), an upper wall (52), a lateral, outer wall (53), front (54) and back (55) walls, and by a lateral, inner, airtight wall (56, 156), which is situated longitudinally and laterally with respect to the filling station (30) and the closing station (40). The chamber (50) isolates the stations (30, 40) from the respective operating means (60), which are mechanically connected to the respective work station by airtight passages, made in the lateral, inner wall (56). Flow generating means (70) are made in the upper wall (52) for creating and filtering a laminar flow of air (71), directed to the bottom (51) and involving at least the filling station (30) and the closing station (40).

IPC 8 full level

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CPC (source: EP US)

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