

Title (en)
Clean air booth for a packaging machine

Title (de)
Reinlufthaube für eine Verpackungsmaschine

Title (fr)
Hotte à air pur pour machine d'emballage

Publication
EP 0903297 A1 19990324 (EN)

Application
EP 98202856 A 19980827

Priority
JP 25491197 A 19970919

Abstract (en)
A clean booth (13) in the form of a box left open at the bottom side thereof is provided over the upper side of a bed (12). The clean booth (13) has a top wall formed with a clean air inlet (104) facing downward. An air discharge clearance is formed between the upper side of the bed (12) and the lower end of the clean booth (13). A container conveyor (16) is installed inside the clean booth (13) to provide a container transport path extending forward. A group of devices (18) are arranged along the transport path for performing a required packaging operation and include a filling device (31). The filling device (31) comprises a filling nozzle (41) disposed above the transport path inside the clean booth (13), a filling device body (42) disposed outside the clean booth (13) for supplying a filling liquid to the filling nozzle (41), and a pipe (43) disposed inside through outside the clean booth (13) and connecting the device body (42) to the filling nozzle (41). <IMAGE>

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B65B 55/04 (2006.01); **B65B 31/00** (2006.01); **B65B 55/02** (2006.01)

CPC (source: EP)
B65B 55/025 (2013.01)

Citation (search report)
• [A] EP 0237777 A1 19870923 - BOSCH GMBH ROBERT [DE]
• [A] US 3828833 A 19740813 - SMITH R, et al

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