

Title (en)
Apparatus for the treatment of containers

Title (de)
Maschine zum Behandeln von Gefäßen

Title (fr)
Appareil pour le traitement des conteneurs

Publication
EP 0950609 A2 19991020 (DE)

Application
EP 99106067 A 19990326

Priority
DE 29806838 U 19980416

Abstract (en)
A heat-shield (12), in the form of a blower, between the heat source (9), in the form of a hot-air fan, and the containers (1) interrupts the heat-transmission onto the fittings (20) and the containers. The blower produces an air curtain (22) between the containers and the hot-air fan. The machine has a conveyor (8) along which the blower runs on one side and parallel with it. The tubular blower has openings (21) or nozzles in and is switched on or off by a control and control valve.

Abstract (de)
Maschine zum Behandeln von Gefäßen mit einer Wärmequelle zum Schrumpfen von Ausstattungsmaterial an die Gefäßkontur, wobei mittels einer steuerbaren Wärmeabschirmung zwischen der Wärmequelle und den Gefäßen die Wärmeübertragung auf das Ausstattungsmaterial und die Gefäße unterbrechbar ist. <IMAGE>

IPC 1-7
B65C 3/26; **B65C 9/24**

IPC 8 full level
B65C 3/06 (2006.01); **B65C 3/08** (2006.01); **B65C 3/26** (2006.01); **B65C 9/24** (2006.01); **B65C 9/26** (2006.01)

CPC (source: EP US)
B65C 3/065 (2013.01 - EP US); **B65C 3/08** (2013.01 - EP US); **B65C 9/26** (2013.01 - EP US)

Citation (applicant)
• US 5464495 A 19951107 - EDER ERICH [DE]
• US 4447280 A 19840508 - MALTHOUSE MARTIN D [CA]

Cited by
DE102012207538A1; DE102011090102A1; EP2610186A1

Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
DE 29806838 U1 19980618; DE 59909628 D1 20040708; EP 0950609 A2 19991020; EP 0950609 A3 20000503; EP 0950609 B1 20040602; US 6098381 A 20000808; ZA 992643 B 20000112

DOCDB simple family (application)
DE 29806838 U 19980416; DE 59909628 T 19990326; EP 99106067 A 19990326; US 28153999 A 19990330; ZA 992643 A 19990409