

Title (en)

ADAPTABLE PACKAGING MACHINE HEAT SHRINK TUNNEL

Title (de)

ANPASSBARER WÄRMESCHRUMPFTUNNEL FÜR VERPACKUNGSMASCHINE

Title (fr)

TUNNEL DE RETRACTION POUR MACHINE D'EMBALLAGE ADAPTABLE

Publication

**EP 1335857 A1 20030820 (EN)**

Application

**EP 01992672 A 20011031**

Priority

- US 0144850 W 20011031
- US 70395000 A 20001101

Abstract (en)

[origin: WO0236436A1] A shrink tunnel (100) for use with packaging machines utilizing heat shrinkable film (17). Air plenums (158, 160, 162, 164) positioned in the shrink tunnel (100) accurately direct heat at laterally opposed ends (188, 190, 198, 200, 202, 204, 206, 208, 212, 214, 218, 220) of film wrapped packages (192, 194, 196, 210, 216, 222) to shrink film into a bullseye (19). The air plenums (158, 160, 162, 164) are adjustable to accommodate different size packages or a differing number of lanes of operation. Interior air plenums (160, 162) are inserted between packages in lanes of a multiple lane packaging machine so that the laterally opposed ends of all packages have hot air directed at them.

IPC 1-7

**B65B 53/02**

IPC 8 full level

**B65B 53/06** (2006.01)

CPC (source: EP)

**B65B 53/063** (2013.01)

Citation (search report)

See references of WO 0236436A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**WO 0236436 A1 20020510**; AU 1994602 A 20020515; CA 2436202 A1 20020510; CN 1473125 A 20040204; EP 1335857 A1 20030820

DOCDB simple family (application)

**US 0144850 W 20011031**; AU 1994602 A 20011031; CA 2436202 A 20011031; CN 01818418 A 20011031; EP 01992672 A 20011031