

Title (en)
SHRINKING TUNNEL

Title (de)
SCHRUMPFTUNNEL

Title (fr)
TUNNEL DE RÉTRACTION

Publication
EP 3341297 A1 20180704 (DE)

Application
EP 16753933 A 20160822

Priority
• DE 102015114161 A 20150826
• EP 2016069767 W 20160822

Abstract (en)
[origin: WO2017032727A1] Shrinking tunnel for shrinking shrink films on products, comprising at least one transport path for the products, which path is configured in a treatment chamber and extends between a shrinking tunnel inlet and a shrinking tunnel outlet, comprising at least two arrangements of nozzle openings, which are arranged on different sides of the transport path and serve to outlet a hot gaseous medium that causes the shrinking of the shrink film, and at least one first guide plate associated with each arrangement of nozzle openings, which can be adjusted along the relevant arrangement of nozzle openings for controlled covering and releasing of nozzle openings.

IPC 8 full level
B65B 53/06 (2006.01); **B65B 59/02** (2006.01)

CPC (source: EP US)
B65B 53/063 (2013.01 - EP US); **B65B 53/066** (2013.01 - EP US); **B65B 59/001** (2019.04 - EP US); **B65B 59/02** (2013.01 - EP US); **B65B 59/005** (2013.01 - EP US)

Citation (search report)
See references of WO 2017032727A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 102015114161 A1 20170302; EP 3341297 A1 20180704; EP 3341297 B1 20190424; US 10696438 B2 20200630; US 2018229878 A1 20180816; WO 2017032727 A1 20170302

DOCDB simple family (application)
DE 102015114161 A 20150826; EP 16753933 A 20160822; EP 2016069767 W 20160822; US 201615754468 A 20160822