

Title (en)

DEVICE FOR THE PRODUCTION OF SELF-CLEANING FILMS ACCORDING TO THE BLOW-MOLDING METHOD

Title (de)

VORRICHTUNG ZUR HERSTELLUNG SELBSTREINIGENDER FOLIEN IM BLASVERFAHREN

Title (fr)

DISPOSITIF DE PRODUCTION DE FEUILLES AUTONETTOYANTES AU MOYEN D'UN PROCEDE DE SOUFFLAGE

Publication

EP 1539458 A1 20050615 (DE)

Application

EP 03794915 A 20030821

Priority

- DE 10242175 A 20020910
- EP 0309284 W 20030821

Abstract (en)

[origin: WO2004024420A1] Disclosed is a device for producing blown film tubes (3) that are provided with at least one self-cleaning surface. Said device has the following characteristics: - an extruder (1) supplying melted plastic; - a blow head (2) comprising an annular discharge gap; and - a squeezing device (4). The inventive device is characterized by the fact that it comprises a measuring device which analyzes how many elevations (10) occur per unit of area or unit of length in at least some sectors (22, 23) of at least one circumferential area (21) of the film tube (3).

IPC 1-7

B29C 47/92; **B29C 47/86**

IPC 8 full level

B29C 48/10 (2019.01); **B29C 48/32** (2019.01); **B29C 48/92** (2019.01); **B29C 55/28** (2006.01); **B29D 7/01** (2006.01); **C08J 5/18** (2006.01); **G01B 7/06** (2006.01); **G01N 21/49** (2006.01)

CPC (source: EP US)

B29C 48/10 (2019.01 - EP US); **B29C 48/32** (2019.01 - EP US); **B29C 48/86** (2019.01 - EP US); **B29C 48/865** (2019.01 - EP US); **B29C 48/87** (2019.01 - EP US); **B29C 48/92** (2019.01 - EP US); **B29C 55/28** (2013.01 - EP); **B29D 7/01** (2013.01 - EP); **C08J 5/18** (2013.01 - EP); **G01B 7/06** (2013.01 - EP); **G01N 21/49** (2013.01 - EP); **B29C 2948/92152** (2019.01 - EP US); **B29C 2948/92428** (2019.01 - EP US); **B29C 2948/92647** (2019.01 - EP US); **B29C 2948/92904** (2019.01 - EP US)

Citation (search report)

See references of WO 2004024420A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004024420 A1 20040325; AU 2003251714 A1 20040430; DE 10242175 A1 20040318; DE 10242175 B4 20050105; EP 1539458 A1 20050615

DOCDB simple family (application)

EP 0309284 W 20030821; AU 2003251714 A 20030821; DE 10242175 A 20020910; EP 03794915 A 20030821