

Title (en)

BLOW-MOULDING INSTALLATION AND METHOD FOR PRODUCING TUBULAR PLASTICS FILM

Title (de)

BLASFOLIENANLAGE SOWIE VERFAHREN ZUR HERSTELLUNG SCHLAUCHFÖRMIGER KUNSTSTOFFFOLIE

Title (fr)

INSTALLATION POUR PELLICULE SOUFFLÉE ET PROCÉDÉ DE FABRICATION DE PELLICULES PLASTIQUE TUBULAIRES

Publication

**EP 4164861 A1 20230419 (DE)**

Application

**EP 21734307 A 20210615**

Priority

- DE 102020207389 A 20200615
- EP 2021066115 W 20210615

Abstract (en)

[origin: WO2021255026A1] The invention describes a blow-moulding installation for producing tubular plastics film • with a die head, comprising an annular outlet for discharging a polymer melt, • with a take-off for taking off in a transporting direction the melt and the tubular plastics film forming therefrom, • with a cooling tower, arranged downstream in the transporting direction and arranged within the tubular outlet of the die head, wherein the cooling tower comprises at least one fluid-outlet gap, from which a fluid can be conducted in a radial direction onto the inner side of the melt and/or of the tubular plastics film. The fluid-outlet gap comprises at least one interruption.

IPC 8 full level

**B29C 48/27** (2019.01); **B29C 48/10** (2019.01); **B29C 48/32** (2019.01); **B29C 48/88** (2019.01); **B29C 55/28** (2006.01)

CPC (source: EP)

**B29C 48/10** (2019.01); **B29C 48/272** (2019.01); **B29C 48/274** (2019.01); **B29C 48/9125** (2019.01); **B29C 55/28** (2013.01); **B29C 48/0018** (2019.01); **B29C 48/32** (2019.01)

Citation (search report)

See references of WO 2021255026A1

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**WO 2021255026 A1 20211223**; EP 4164861 A1 20230419

DOCDB simple family (application)

**EP 2021066115 W 20210615**; EP 21734307 A 20210615