

Title (en)

CURING APPARATUS FOR COATINGS OF GLASS FIBERS

Title (de)

AUSHÄRTEVORRICHTUNG FÜR BESCHICHTUNGEN VON GLASFASERN

Title (fr)

DISPOSITIF DE DURCISSEMENT POUR REVÊTEMENTS DE FIBRES DE VERRE

Publication

**EP 4225713 A1 20230816 (DE)**

Application

**EP 21786855 A 20211001**

Priority

- DE 102020126039 A 20201005
- EP 2021077073 W 20211001

Abstract (en)

[origin: WO2022073862A1] The present invention relates to a curing apparatus (1, 2) for coatings of glass fibers (4) having a receiving space (11, 21) suitable for a coated glass fiber (4) to be passed through in a direction of motion (A), wherein the receiving space (11, 21) comprises a plurality of UV radiation sources (12, 22) which are configured for curing the coating of the glass fiber (4) by means of UV light. The curing apparatus (1, 2) is characterized in that the receiving space (11, 21) comprises at least one protective gas opening (14c, 24c) configured for allowing a protective gas to flow into the receiving space (11, 21), preferably through delivery by the curing apparatus (1, 2), and the receiving space (11, 21) comprises at least one protective gas opening (14c, 24c) configured for allowing the protective gas to escape from the receiving space (11, 21), preferably through suctioning by the curing apparatus (1, 2).

IPC 8 full level

**C03C 25/6226** (2018.01); **B05D 3/06** (2006.01); **F26B 13/00** (2006.01)

CPC (source: EP)

**C03C 25/6226** (2013.01); **B05D 3/067** (2013.01); **B05D 2203/35** (2013.01); **B05D 2256/00** (2013.01)

Citation (search report)

See references of WO 2022073862A1

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)

**DE 102020126039 A1 20220407**; EP 4225713 A1 20230816; WO 2022073862 A1 20220414

DOCDB simple family (application)

**DE 102020126039 A 20201005**; EP 2021077073 W 20211001; EP 21786855 A 20211001