

Title (en)  
INJECTION BOX FOR A PULTRUSION SYSTEM FOR PRODUCING FIBRE-REINFORCED PLASTIC PROFILES, IN PARTICULAR PLASTIC RODS

Title (de)  
INJEKTIONSBOX FÜR EINE PULTRUSIONSANLAGE ZUR HERSTELLUNG FASERVERSTÄRKTER KUNSTSTOFFPROFILE, INSBESONDERE KUNSTSTOFFSTÄBE

Title (fr)  
BOÎTE D'INJECTION POUR UNE INSTALLATION DE PULTRUSION POUR LA FABRICATION DE PROFILÉS EN MATIÈRE SYNTHÉTIQUE RENFORCÉS PAR DES FIBRES, EN PARTICULIER DE BARRES EN MATIÈRE SYNTHÉTIQUE

Publication  
**EP 3600855 A1 20200205 (DE)**

Application  
**EP 18712580 A 20180320**

Priority  
• DE 102017106940 A 20170331  
• EP 2018056983 W 20180320

Abstract (en)  
[origin: WO2018177803A1] The invention relates to an injection box (10) for a pultrusion system (12), the injection box (10) comprising: a housing (18) which has at least one fibre supply opening (18A) for supplying fibres (14), in particular glass fibres, carbon fibres or aramid fibres; an injection connection (20) provided on the housing (18) for injecting a liquid matrix material (22); and a delivery opening (18B) for delivering the fibres (14) impregnated with the matrix material (22) to a curing tool (24); wherein the output opening has a substantially circular cross-section.

IPC 8 full level  
**B29C 70/52** (2006.01)

CPC (source: EP KR RU US)  
**B29C 70/52** (2013.01 - EP RU US); **B29C 70/523** (2013.01 - EP KR US); **B29C 70/525** (2013.01 - EP KR); **B29C 70/526** (2013.01 - US); **B29K 2105/0809** (2013.01 - KR); **B29K 2309/08** (2013.01 - US); **B29L 2031/06** (2013.01 - US)

Citation (search report)  
See references of WO 2018177803A1

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)  
**WO 2018177803 A1 20181004**; CA 3054763 A1 20181004; CN 110446597 A 20191112; DE 102017106940 A1 20181004; EP 3600855 A1 20200205; KR 102403167 B1 20220526; KR 20190127777 A 20191113; RU 2019131466 A 20210430; RU 2019131466 A3 20210430; RU 2755917 C2 20210922; US 2020086591 A1 20200319

DOCDB simple family (application)  
**EP 2018056983 W 20180320**; CA 3054763 A 20180320; CN 201880020203 A 20180320; DE 102017106940 A 20170331; EP 18712580 A 20180320; KR 20197028724 A 20180320; RU 2019131466 A 20180320; US 201816494334 A 20180320