

Title (en)  
HEAD AND SYSTEM FOR CONTINUOUSLY MANUFACTURING COMPOSITE HOLLOW STRUCTURE

Title (de)  
KOPF UND SYSTEM ZUR KONTINUIERLICHEN HERSTELLUNG EINER HOHLEN VERBUNDSTRUKTUR

Title (fr)  
TÊTE ET SYSTÈME PERMETTANT DE FABRIQUER EN CONTINU UNE STRUCTURE CREUSE COMPOSITE

Publication  
**EP 3442767 A1 20190220 (EN)**

Application  
**EP 17783105 A 20170413**

Priority

- US 201615130207 A 20160415
- US 201615130412 A 20160415
- US 201615285165 A 20161004
- US 2017027338 W 20170413

Abstract (en)  
[origin: WO2017180603A1] A head is disclosed for use with a continuous manufacturing system. The head may have a housing, a fiber guide rotatably disposed at least partially inside the housing, and a diverter disposed at an end of the housing. The diverter may be configured to divert radially outward a matrix-coated fiber passing through the fiber guide.

IPC 8 full level  
**B29C 35/08** (2006.01); **B29B 15/12** (2006.01); **B29B 15/14** (2006.01); **B29C 37/00** (2006.01); **B29C 48/09** (2019.01); **B29C 48/30** (2019.01); **B29C 48/32** (2019.01); **B29C 48/33** (2019.01); **B29C 48/335** (2019.01); **B29C 48/345** (2019.01); **B29C 67/00** (2017.01); **B29C 70/38** (2006.01); **B29C 70/52** (2006.01)

CPC (source: EP KR RU US)  
**B29C 35/0261** (2013.01 - EP KR); **B29C 35/0277** (2013.01 - EP KR US); **B29C 35/0805** (2013.01 - EP KR); **B29C 35/10** (2013.01 - EP KR); **B29C 48/09** (2019.02 - EP KR US); **B29C 48/18** (2019.02 - RU); **B29C 48/266** (2019.02 - EP KR US); **B29C 48/286** (2019.02 - EP KR US); **B29C 48/29** (2019.02 - EP KR US); **B29C 48/30** (2019.02 - KR); **B29C 48/32** (2019.02 - EP KR US); **B29C 48/33** (2019.02 - EP KR RU US); **B29C 48/92** (2019.02 - EP KR US); **B29C 67/00** (2013.01 - EP); **B29C 70/38** (2013.01 - EP); **B29C 70/384** (2013.01 - EP KR RU); **B29C 70/52** (2013.01 - EP RU); **B29C 2035/0827** (2013.01 - EP KR); **B29C 2948/92571** (2019.02 - EP KR US); **B29C 2948/92647** (2019.02 - EP KR US); **B29C 2948/92942** (2019.02 - EP KR US); **B29D 23/001** (2013.01 - EP); **B29K 2101/10** (2013.01 - EP KR); **B29L 2023/00** (2013.01 - EP KR)

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 2017180603 A1 20171019**; AU 2017250100 A1 20181115; AU 2017250588 A1 20181108; AU 2017250588 B2 20190411; BR 112018071000 A2 20190129; BR 112018071073 A2 20190212; CA 3020867 A1 20171019; CA 3020867 C 20190409; CA 3020925 A1 20171019; CN 109562576 A 20190402; CN 109562580 A 20190402; CN 109562580 B 20200207; EP 3442767 A1 20190220; EP 3442767 A4 20191127; EP 3442770 A1 20190220; EP 3442770 A4 20200226; EP 3597416 A1 20200122; JP 2019513589 A 20190530; JP 2019515818 A 20190613; JP 2020078946 A 20200528; JP 6591696 B2 20191016; KR 101999082 B1 20190710; KR 20180134392 A 20181218; KR 20180134393 A 20181218; RU 2686920 C1 20190506; RU 2690800 C1 20190605; SG 11201808937S A 20181129; SG 11201809039T A 20181129

DOCDB simple family (application)  
**US 2017026976 W 20170411**; AU 2017250100 A 20170411; AU 2017250588 A 20170413; BR 112018071000 A 20170411; BR 112018071073 A 20170413; CA 3020867 A 20170413; CA 3020925 A 20170411; CN 201780036999 A 20170411; CN 201780037000 A 20170413; EP 17782963 A 20170411; EP 17783105 A 20170413; EP 19189070 A 20170411; JP 2018553075 A 20170413; JP 2018553461 A 20170411; JP 2020036306 A 20200303; KR 20187032922 A 20170411; KR 20187032923 A 20170413; RU 2018139528 A 20170413; RU 2018140059 A 20170411; SG 11201808937S A 20170413; SG 11201809039T A 20170411