

Title (en)
CONTINUOUS EXTRUSION APPARATUS

Title (de)
VORRICHTUNG FÜR KONTINUIERLICHE EXTRUSION

Title (fr)
APPAREIL D'EXTRUSION CONTINUE

Publication
EP 2879814 A1 20150610 (EN)

Application
EP 13739278 A 20130715

Priority
• GB 201213501 A 20120730
• GB 2013051883 W 20130715

Abstract (en)
[origin: GB2504486A] Continuous extrusion apparatus has a rotary extrusion wheel 11 fixed to the first end of a shaft so as to rotate therewith about a rotary axis. The wheel has at least one peripheral groove. A shoe extends around at least part of the wheel and co-operates with the peripheral groove(s) so as to define a passageway between the wheel and the shoe. The passageway has an inlet for receipt of material to be extruded. The wheel is rotatable relative to the shoe. An abutment member blocks the passageway so as to obstruct the passage of material. An extrusion die is disposed for receipt of material from the passageway. A mounting arrangement disposed between the wheel and shaft comprises a collet 43 having a first inner tapered surface in abutment with a second inner tapered surface defined by a hub of the shaft 37 . The wheel has a first outer tapered surface in abutment with a second outer tapered surface defined by the hub.

IPC 8 full level
B21C 23/00 (2006.01)

CPC (source: EP GB US)
B21C 23/005 (2013.01 - EP GB US); **B21C 29/02** (2013.01 - US)

Citation (search report)
See references of WO 2014020309A1

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)
GB 201213501 D0 20120912; GB 2504486 A 20140205; CN 104768668 A 20150708; CN 104768668 B 20170412; EP 2879814 A1 20150610; EP 2879814 B1 20171101; US 2015196944 A1 20150716; WO 2014020309 A1 20140206

DOCDB simple family (application)
GB 201213501 A 20120730; CN 201380050738 A 20130715; EP 13739278 A 20130715; GB 2013051883 W 20130715; US 201314417930 A 20130715