

Title (en)

Transport jet adapter and method for forming rods

Title (de)

Transportstrahladapter und Verfahren zur Herstellung von Stangen

Title (fr)

Adaptateur de jet de transport et procédé de formation de tiges

Publication

**EP 3047739 A1 20160727 (EN)**

Application

**EP 15152109 A 20150122**

Priority

EP 15152109 A 20150122

Abstract (en)

According to a first aspect of the invention there is provided a transport jet adapter. The transport jet adapter comprises a first open end defining an opening for receiving a strand-based continuous material and a second open end defining an outlet for supplying the strand-based continuous material to a rod making garniture. Between the first and the second opening, there is provided passageway for passing the strand-based continuous material through the transport jet adapter. The passageway is defined by the inner surface of the wall connecting the first and the second open end of the transport jet adapter. The inner surface of the transport jet adapter comprises a plurality of specifically designed rifled edges. The rifled edges are twisted about the longitudinal axis of the passageway at a predefined twist rate and are thus capable of twisting the strand-based continuous material about its longitudinal axis.

IPC 8 full level

**A24D 3/02** (2006.01)

CPC (source: EP)

**A24D 3/0233** (2013.01)

Citation (applicant)

- EP 0269915 A2 19880608 - RHODIA AG [DE]
- EP 0594054 A2 19940427 - HOECHST CELANESE CORP [US]

Citation (search report)

- [XA] CH 377263 A 19640430 - NOURI ABDUL DR [CH]
- [XA] US 3595245 A 19710727 - BUNTIN ROBERT R, et al
- [XA] WO 8402257 A1 19840621 - MOLINS PLC [GB]
- [A] US 3173188 A 19650316 - WEXLER VERNON K
- [AD] EP 0594054 A2 19940427 - HOECHST CELANESE CORP [US]

Cited by

ITUA20163103A1; WO2018122301A1

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)

**EP 3047739 A1 20160727**

DOCDB simple family (application)

**EP 15152109 A 20150122**