

Title (en)  
DEVICE FOR INJECTING THEN MIXING POLYMER IN A PIPE CARRYING A SOLID PARTICLE SUSPENSION, AND METHOD IMPLEMENTING THE DEVICE

Title (de)  
VORRICHTUNG ZUM EINSPRITZEN UND MISCHEN VON POLYMEREN IN EINEM ROHR MIT EINER FESTSTOFFPARTIKELSUSPENSION SOWIE VERFAHREN ZUR IMPLEMENTIERUNG DER VORRICHTUNG

Title (fr)  
DISPOSITIF POUR L'INJECTION PUIS LE MELANGE DE POLYMERES DANS UNE CANALISATION TRANSPORTANT UNE SUSPENSION DE PARTICULES SOLIDES ET PROCEDE METTANT EN OEUVRE LE DISPOSITIF

Publication  
**EP 2914370 A2 20150909 (FR)**

Application  
**EP 13785552 A 20131014**

Priority  
• FR 1260497 A 20121105  
• FR 1356292 A 20130628  
• FR 2013052443 W 20131014

Abstract (en)  
[origin: WO2014068211A2] The invention relates to a device for injecting then mixing polymer in a pipe (8) carrying a solid particle suspension. Said device includes, in combination: - at least one flange (5) receiving a polymer injection piping (6); and - an agitator (10) made up of a rotor including at least one agitation blade (4) perpendicularly positioned to the flow. The rotor is rotated by a drive means (2).

IPC 8 full level  
**B01F 3/12** (2006.01); **B01F 5/04** (2006.01); **B01F 7/00** (2006.01); **C02F 1/52** (2006.01); **C02F 1/56** (2006.01)

CPC (source: EP US)  
**B01F 23/53** (2022.01 - EP US); **B01F 25/3131** (2022.01 - EP US); **B01F 25/31323** (2022.01 - EP US); **B01F 25/31331** (2022.01 - EP US); **B01F 27/0531** (2022.01 - US); **B01F 27/112** (2022.01 - US); **B01F 27/50** (2022.01 - EP US); **B01F 35/31** (2022.01 - US); **B01F 35/7179** (2022.01 - US); **C02F 1/5281** (2013.01 - EP US); **C02F 1/54** (2013.01 - US); **C02F 1/56** (2013.01 - EP US); **B01F 27/0721** (2022.01 - EP US); **B01F 27/0724** (2022.01 - EP US); **B01F 2035/3512** (2022.01 - EP US); **B01F 2101/305** (2022.01 - US); **B01F 2215/0427** (2013.01 - EP US); **B01F 2215/0431** (2013.01 - EP US); **C02F 2103/10** (2013.01 - EP US); **C02F 2201/002** (2013.01 - US); **C02F 2307/14** (2013.01 - EP US)

Citation (search report)  
See references of WO 2014068211A2

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 2014068211 A2 20140508**; **WO 2014068211 A3 20140626**; CA 2886941 A1 20140508; CN 104684635 A 20150603; EP 2914370 A2 20150909; FR 2997635 A1 20140509; FR 2997636 A3 20140509; FR 2997636 B3 20150515; US 2015258510 A1 20150917

DOCDB simple family (application)  
**FR 2013052443 W 20131014**; CA 2886941 A 20131014; CN 201380051388 A 20131014; EP 13785552 A 20131014; FR 1260497 A 20121105; FR 1356292 A 20130628; US 201314432303 A 20131014