

Title (en)

Dosing pump for conveying pasty media with high demands on hygiene and operational reliability

Title (de)

Dosierpumpe zur Förderung pastöser Medien mit hohen Anforderungen an die Hygiene und die Betriebssicherheit

Title (fr)

Pompe de dosage destinée à acheminer des milieux pâteux ayant des exigences élevées relatives à l'hygiène et la sécurité de fonctionnement

Publication

**EP 2886859 A3 20160309 (DE)**

Application

**EP 14003758 A 20141108**

Priority

DE 102013020560 A 20131209

IPC 8 full level

**F04B 15/02** (2006.01); **F04B 43/00** (2006.01); **F04B 43/12** (2006.01); **F04B 49/06** (2006.01)

CPC (source: EP)

**F04B 15/02** (2013.01); **F04B 43/0081** (2013.01); **F04B 43/1253** (2013.01); **F04B 49/065** (2013.01)

Citation (search report)

- [Y] US 2013023848 A1 20130124 - NELSON JAMES E [US], et al
- [Y] EP 0013002 A1 19800709 - ARA WERK KRAEMER GMBH & CO [DE]
- [Y] US 5709539 A 19980120 - HAMMER MICHAEL RON [AU], et al
- [I] US 2007098565 A1 20070503 - PARSEE MEHRYAR M [US], et al
- [AD] EP 1317626 A1 20030611 - BEENKER JAN W [DE]

Cited by

CN109826779A; CN109826780A

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)

**DE 102013020560 B3 20150416**; EP 2886859 A2 20150624; EP 2886859 A3 20160309; EP 2886859 B1 20190417

DOCDB simple family (application)

**DE 102013020560 A 20131209**; EP 14003758 A 20141108