

Title (en)
MIXING CONTAINER AND EMPTYING STATION FOR SUCH A MIXING CONTAINER

Title (de)
MISCHCONTAINER SOWIE ENTLEERSTATION FÜR EINEN SOLCHEN MISCHCONTAINER

Title (fr)
RÉCIPIENT DE MÉLANGE ET STATION DE VIDANGE POUR UN TEL RÉCIPIENT DE MÉLANGE

Publication
EP 3117896 A3 20170329 (DE)

Application
EP 16175173 A 20160620

Priority
DE 202015103285 U 20150623

Abstract (en)
[origin: US2016375416A1] A mixing container 1 with a top filling opening 5, with a connection flange 9, 9.1 which projects outward in the area of the top filling opening 5 in a radial direction for connecting the mixing container 1 to the mixing head of an industrial mixing machine and with a bottom discharge 13 that can be blocked and opened comprises a mixing receptacle 3, 3.1 forming the hollow chamber 4 of the mixing container 1 and with a wall 18, 19 encompassing its hollow chamber and flexible in a radial direction and comprises a container frame 2 holding the mixing receptacle 3, 3.1 and with the connection flange 9 and the discharge 13. The container frame 2 holds the mixing receptacle 3, 3.1, in such a manner that its wall 18, 19 surrounding the hollow chamber 4 is at least partially accessible in the circumferential direction for bringing about a deformation of it in the radial direction.

IPC 8 full level
B01F 11/00 (2006.01); **B01F 15/00** (2006.01); **B65D 88/66** (2006.01)

CPC (source: EP US)
B01F 31/311 (2022.01 - EP US); **B01F 35/511** (2022.01 - EP US); **B01F 35/512** (2022.01 - EP US); **B01F 35/513** (2022.01 - EP US); **B01F 35/75425** (2022.01 - US)

Citation (search report)

- [XA] DE 102010016595 A1 20111027 - ZEPPELIN REIMELT GMBH [DE]
- [XA] DE 1814384 A1 19690814 - NITRO NOBEL AB
- [XA] DE 2250432 A1 19740425 - POLYSIUS AG
- [IA] US 2012175012 A1 20120712 - GOODWIN MICHAEL E [US], et al
- [XAI] EP 0892255 A1 19990120 - MANN & HUMMEL FILTER [DE]
- [XA] GB 2363787 A 20020109 - SPIROFLOW LTD [GB]
- [XA] GB 2240965 A 19910821 - SPIROFLOW UK [GB]
- [XA] DE 4320246 A1 19931223 - PALAMATIC HANDLING SYST [GB]

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 202015103285 U1 20160926; EP 3117896 A2 20170118; EP 3117896 A3 20170329; EP 3117896 B1 20200513; ES 2809700 T3 20210305; PL 3117896 T3 20210125; PT 3117896 T 20200805; US 10265669 B2 20190423; US 2016375416 A1 20161229

DOCDB simple family (application)
DE 202015103285 U 20150623; EP 16175173 A 20160620; ES 16175173 T 20160620; PL 16175173 T 20160620; PT 16175173 T 20160620; US 201615189275 A 20160622