

Title (en)
SPINNING BATH AND METHOD FOR SOLIDIFYING A MOULDED PART

Title (de)
SPINNBAD UND VERFAHREN ZUR VERFESTIGUNG EINES FORMKÖRPERS

Title (fr)
BAIN DE FILAGE ET PROCÉDÉ DE RENFORCEMENT D'UN CORPS DE FORMAGE

Publication
EP 2906742 A1 20150819 (DE)

Application
EP 13776771 A 20131010

Priority

- EP 12187870 A 20121010
- EP 2013071135 W 20131010
- EP 13776771 A 20131010

Abstract (en)

[origin: EP2719801A1] Coagulation bath comprises a coagulation liquid inlet, which is arranged below the coagulation liquid level of the coagulation bath. Independent claims are also included for: (1) a coagulation bath device comprising at least two coagulation liquid containers with a first liquid container having a first coagulation liquid and a second liquid container having a second coagulation liquid, and a molded body-bundling device for conducting molded body from the first liquid container into the second liquid container, where the first coagulation liquid has a different concentration of coagulant and/or a different temperature than the second coagulation liquid; (2) solidifying the molded body, comprising passing the fluid molded body into the coagulation bath with the coagulation liquid, and streaming the fluid molded body, which is present in the coagulation bath, with the coagulation liquid, which is supplied into the coagulation bath, for exchanging solvent and non-solvent between the fluid molded body and the coagulation bath, or passing the fluid molded body into the coagulation bath with the liquid container having the coagulation liquid, and predetermining the level of the coagulation liquid through a liquid level regulator, which is present outside the liquid container; and (3) solidifying molded body in the coagulation bath device with at least two mutually separate liquid containers, comprising partially solidifying molded body in a first liquid container, passing into a second liquid container, after removing from the first liquid container via the bundling device, and additionally washing and solidifying the molded body in the second liquid container.

IPC 8 full level
D01D 5/06 (2006.01); **D01F 2/00** (2006.01)

CPC (source: CN EP RU US)
D01D 5/00 (2013.01 - RU); **D01D 5/06** (2013.01 - CN EP US); **D01F 2/00** (2013.01 - CN); **D01F 2/00** (2013.01 - EP US)

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 2719801 A1 20140416; CN 104838048 A 20150812; CN 104838048 B 20171013; EP 2906742 A1 20150819; EP 2906742 B1 20170322; KR 102105865 B1 20200504; KR 20150068982 A 20150622; RU 2015116641 A 20161210; RU 2649270 C2 20180330; TW 201418334 A 20140516; TW I609899 B 20180101; US 10208402 B2 20190219; US 2015247261 A1 20150903; WO 2014057022 A1 20140417; ZA 201502381 B 20160127

DOCDB simple family (application)
EP 12187870 A 20121010; CN 201380062926 A 20131010; EP 13776771 A 20131010; EP 2013071135 W 20131010; KR 20157012140 A 20131010; RU 2015116641 A 20131010; TW 102136592 A 20131009; US 201314434625 A 20131010; ZA 201502381 A 20150409