

Title (en)  
DEVICE, LIQUID RESERVOIR, SYSTEM AND USE OF A LIQUID RESERVOIR FOR THE CURRENTLESS SPRINKLING OF ANIMAL FEED

Title (de)  
VORRICHTUNG, FLÜSSIGKEITSRESERVOIR, SYSTEM UND VERWENDUNG EINES FLÜSSIGKEITSRESERVOIRS ZUR STROMLOSEN  
BESTÄUBUNG VON TIERFUTTER

Title (fr)  
DISPOSITIF, RÉSERVOIR DE LIQUIDE, SYSTÈME ET UTILISATION D'UN RÉSERVOIR DE LIQUIDE DESTINÉ À LA PULVÉRISATION SANS  
COURANT D'ALIMENTS POUR ANIMAUX

Publication  
**EP 3462849 A1 20190410 (DE)**

Application  
**EP 17729409 A 20170523**

Priority  
• EP 16171249 A 20160525  
• EP 2017062475 W 20170523

Abstract (en)  
[origin: WO2017202875A1] The present invention relates to a device (10) for the currentless sprinkling of animal feed. The device (10) has a housing (20), a holder (90) for a liquid reservoir (30) with a mechanically actuatable spray head (40), and a transmission element (50). The transmission element (50) is mounted movably in the housing (20) and is designed to be moved by a conveyor system (3). The transmission element (50) has a section (54) which actuates the spray head (40) and is designed to transmit a movement of the transmission element (50) to the spray head (40). The invention also relates to a liquid reservoir (30), a system (1) and use of the liquid reservoir (30).

IPC 8 full level  
**A01K 39/01** (2006.01); **A01K 5/02** (2006.01)

CPC (source: EP KR US)  
**A01K 5/02** (2013.01 - EP); **A01K 5/0216** (2013.01 - KR); **A01K 5/0225** (2013.01 - US); **A01K 5/0275** (2013.01 - US);  
**A01K 39/01** (2013.01 - EP KR); **A01K 5/0208** (2013.01 - US); **A01K 5/0216** (2013.01 - US); **A01K 5/0291** (2013.01 - US);  
**A01K 39/012** (2013.01 - 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)  
**WO 2017202875 A1 20171130**; AU 2017270023 A1 20181122; BR 112018073919 A2 20190226; CA 3023853 A1 20171130;  
CN 109152348 A 20190104; CN 109152348 B 20210924; CO 2018012459 A2 20181130; EP 3462849 A1 20190410;  
JP 2019516413 A 20190620; KR 20190013827 A 20190211; MX 2018014337 A 20190523; PH 12018502425 A1 20190930;  
RU 2018145751 A 20200625; RU 2018145751 A3 20200928; US 11051489 B2 20210706; US 2020170218 A1 20200604

DOCDB simple family (application)  
**EP 2017062475 W 20170523**; AU 2017270023 A 20170523; BR 112018073919 A 20170523; CA 3023853 A 20170523;  
CN 201780031748 A 20170523; CO 2018012459 A 20181120; EP 17729409 A 20170523; JP 2019514854 A 20170523;  
KR 20187036001 A 20170523; MX 2018014337 A 20170523; PH 12018502425 A 20181119; RU 2018145751 A 20170523;  
US 201716303823 A 20170523