

Title (en)

UREA SUPPLEMENT FOR ANIMAL NUTRITION

Title (de)

HARNSTOFFZUSATZ FÜR DIE TIERERNÄHRUNG

Title (fr)

COMPLEMENTATION D'UREE POUR LA NUTRITION ANIMALE

Publication

**EP 3723497 A1 20201021 (FR)**

Application

**EP 18836280 A 20181214**

Priority

- FR 1762183 A 20171214
- FR 2018053304 W 20181214

Abstract (en)

[origin: WO2019115978A1] The present invention relates to a mineral dietary supplement for ruminants, comprising an urea-based organic-inorganic complex and various clays for improving the performance of the animal as a result of the delayed release of urea in the rumen. The clays comprise at least one fibrous clay and a non-fibrous clay, preferably attapulgite and montmorillonite.

IPC 8 full level

**A23K 20/20** (2016.01); **A23K 20/28** (2016.01); **A23K 50/10** (2016.01); **A23K 50/15** (2016.01)

CPC (source: EP US)

**A23K 10/16** (2016.05 - US); **A23K 10/38** (2016.05 - US); **A23K 20/147** (2016.05 - US); **A23K 20/158** (2016.05 - US); **A23K 20/163** (2016.05 - US); **A23K 20/189** (2016.05 - US); **A23K 20/20** (2016.05 - EP); **A23K 20/28** (2016.05 - EP US); **A23K 50/10** (2016.05 - EP); **A23K 50/15** (2016.05 - EP US)

Citation (search report)

See references of WO 2019115978A1

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 2019115978 A1 20190620**; AU 2018383060 A1 20200716; BR 112020012053 A2 20201124; CA 3086151 A1 20190620; CN 111629603 A 20200904; EP 3723497 A1 20201021; MA 50109 A1 20210331; MA 50109 B1 20220930; MX 2020006186 A 20210115; US 11653678 B2 20230523; US 2020296999 A1 20200924; ZA 202004026 B 20210929

DOCDB simple family (application)

**FR 2018053304 W 20181214**; AU 2018383060 A 20181214; BR 112020012053 A 20181214; CA 3086151 A 20181214; CN 201880087281 A 20181214; EP 18836280 A 20181214; MA 50109 A 20181214; MX 2020006186 A 20181214; US 201816772689 A 20181214; ZA 202004026 A 20200701