

Title (en)

INTRA-RUMINAL DEVICES.

Title (de)

VORRICHTUNG ZUM GEBRAUCH INNERHALB DES PANSENS.

Title (fr)

DISPOSITIFS UTILISES DANS LE RUMEN.

Publication

**EP 0633753 A4 19950510 (EN)**

Application

**EP 93906379 A 19930319**

Priority

- AU 9300112 W 19930319
- AU PL169992 A 19920403

Abstract (en)

[origin: WO9319698A1] A device for the administration of substance into the rumen of an animal comprises a body (2) having an open structure within which is retained at least one pellet (4) of the substance. The pellet (4) has an outer impervious coating which degrades when exposed to the action of ruminal fluid to permit subsequent release of the substance. Preferably, the device contains a group of such pellets (4) with the degradation times of the layers of the respective pellets being different whereby to permit release of substance from the group of pellets (4) in a timed sequence.

IPC 1-7

**A61D 7/00**

IPC 8 full level

**A61D 7/00** (2006.01); **A61K 9/00** (2006.01); **A61M 31/00** (2006.01)

CPC (source: EP)

**A61K 9/0068** (2013.01); **A61M 31/002** (2013.01)

Citation (search report)

- [A] EP 0140632 A2 19850508 - CASTEX PROD [GB]
- [A] EP 0164241 A2 19851211 - LILLY CO ELI [US]
- See references of WO 9319698A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

**WO 9319698 A1 19931014**; BR 9306162 A 19980113; CA 2132726 A1 19931014; EP 0633753 A1 19950118; EP 0633753 A4 19950510;  
JP H07505303 A 19950615; ZA 932449 B 19931020

DOCDB simple family (application)

**AU 9300112 W 19930319**; BR 9306162 A 19930319; CA 2132726 A 19930319; EP 93906379 A 19930319; JP 51689293 A 19930319;  
ZA 932449 A 19930405