

Title (en)

PROCESS AND DEVICE FOR IDENTIFYING ANIMALS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM KENNZEICHNEN VON TIEREN

Title (fr)

PROCEDE ET DISPOSITIF D'IDENTIFICATION D'ANIMAUX

Publication

EP 0963154 A1 19991215 (DE)

Application

EP 98901292 A 19980206

Priority

- CH 9800044 W 19980206
- CH 29997 A 19970212

Abstract (en)

[origin: WO9835548A1] A device has ten needle pipes (12) containing movable needles (13) and arranged in two superimposed lines on a write head (7). Each needle pipe (12) is secured to a table (23) which can be motor-driven in two horizontal directions, so that the needle pipe opening (9) can be moved over a predetermined identification field on the animal skin. Programme-controlled means (47-49; 56-58) are provided for making the needles (13) vibrate vertically at predetermined points within the identification field, depending on the characters to be tattooed. The needle points thus vibrate out of the needle pipe opening (9) and penetrate into the animal skin down to a particular depth. The device is characterised in that it has a pumping device (38) for pumping the tattooing liquid downwards through the needle pipe (12) while the needle pipe (12) is moved at least in one direction of displacement, so that the needles (13) are forcibly and permanently surrounded by tattooing liquid during said displacement of the needle pipe (12).

IPC 1-7

A01K 11/00

IPC 8 full level

A01K 11/00 (2006.01)

CPC (source: EP US)

A01K 11/005 (2013.01 - EP US)

Citation (search report)

See references of WO 9835548A1

Designated contracting state (EPC)

BE DE DK ES FR GB NL

DOCDB simple family (publication)

WO 9835548 A1 19980820; AU 5745298 A 19980908; CA 2280802 A1 19980820; EP 0963154 A1 19991215; US 6263762 B1 20010724

DOCDB simple family (application)

CH 9800044 W 19980206; AU 5745298 A 19980206; CA 2280802 A 19980206; EP 98901292 A 19980206; US 36741399 A 19990823