

Title (en)  
Insemination catheter for animals and method of making the same

Title (de)  
Besamungskatheter für Tiere und Verfahren zu seiner Herstellung

Title (fr)  
Sonde d'insinération artificielle des animaux et son procédé de fabrication

Publication  
**EP 1020164 A3 20010228 (DE)**

Application  
**EP 99124968 A 19991215**

Priority  
DE 19901218 A 19990114

Abstract (en)  
[origin: EP1020164A2] The catheter comprises an injection pipe (11) which is mechanically roughened within the joint zone (15) at the guide plug (13). The latter consists of polyurethane foam, and is directly foamed onto the roughened surface (16) within the joint zone. An Independent claim is also included for a method of producing the catheter, involving mechanical roughening of an end section of the injection pipe, introducing it into a mold and foaming a guide plug onto its roughened surface.

IPC 1-7  
**A61D 19/02**

IPC 8 full level  
**A61D 19/02** (2006.01)

CPC (source: EP)  
**A61D 19/027** (2013.01)

Citation (search report)

- [Y] US 5674178 A 19971007 - ROOT ROBERT W [US]
- [Y] DE 1255290 B 19671130 - DEUTSCHE STEINZEUG
- [A] US 2106635 A 19380125 - HARDER PERRY J
- [A] US 5799658 A 19980901 - FALCO ROBERT N [US]

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**EP 1020164 A2 20000719; EP 1020164 A3 20010228; EP 1020164 B1 20050209**; AT E288714 T1 20050215; DE 19901218 A1 20000720; DE 59911599 D1 20050317

DOCDB simple family (application)  
**EP 99124968 A 19991215**; AT 99124968 T 19991215; DE 19901218 A 19990114; DE 59911599 T 19991215