

Title (en)
PRICKING DEVICE FOR TAKING BLOOD, COMPRISING A LEG SPRING

Title (de)
STECHVORRICHTUNG FÜR DIE BLUTENTNAHME MIT EINER SCHENKELFEDER

Title (fr)
DISPOSITIF DE PONCTION POUR PRÉLÈVEMENT SANGUIN POURVU D'UN RESSORT À BRANCHES

Publication
EP 2129290 A1 20091209 (DE)

Application
EP 08717267 A 20080229

Priority
• EP 2008052486 W 20080229
• DE 102007011002 A 20070305
• DE 102007024181 A 20070524

Abstract (en)
[origin: WO2008107382A1] The invention relates to a pricking device for taking blood for medical tests. Said pricking device comprises a base (1, 2; 31, 32; 61, 62), at least one needle (8; 38; 68) which is arranged therein, of which a pointed end (9; 39; 69) can be deployed, and which is provided with a needle retaining element (6; 36; 66) that at least partly embraces the needle (8; 38), and a manual actuating element (4; 34; 64) for inducing a movement (20; 21; 48-52; 78-82) of the needle (8; 38; 68) along with the needle retaining element (6; 36; 66) relative to the base (1, 2; 31, 32; 61, 62). The needle (8; 38; 68) is spring-loaded. At least one leg spring (11; 41; 71) is provided, the first end (11b; 41b; 71b) of which is fastened to the base (2; 32; 62) and the second end (11a; 41a; 71a) of which allows the needle retaining element (6; 36; 66) to travel along a predefined curved control cam section (13; 43; 73) during a releasing process (19, 21; 49, 51; 79, 81) of the leg spring (11; 41; 71).

IPC 8 full level
A61B 5/15 (2006.01)

CPC (source: EP US)
A61B 5/150022 (2013.01 - EP US); **A61B 5/150412** (2013.01 - EP US); **A61B 5/150465** (2013.01 - EP US); **A61B 5/150511** (2013.01 - EP US); **A61B 5/150549** (2013.01 - EP US); **A61B 5/150618** (2013.01 - EP US); **A61B 5/150717** (2013.01 - EP US); **A61B 5/150885** (2013.01 - EP US); **A61B 5/15113** (2013.01 - EP US); **A61B 5/15117** (2013.01 - EP US); **A61B 5/15128** (2013.01 - EP US); **A61B 5/15144** (2013.01 - EP US)

Citation (search report)
See references of WO 2008107382A1

Citation (examination)
• US 5797940 A 19980825 - MAWHIRT JAMES A [US], et al
• US 5314441 A 19940524 - CUSACK ROBERT [US], et al

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2008107382 A1 20080912; BR PI0808533 A2 20140819; CN 101646388 A 20100210; CN 101646388 B 20121114; CN 101677787 A 20100324; CN 101677787 B 20120509; DE 102007024181 A1 20080925; DE 102007024181 B4 20110616; EP 2129290 A1 20091209; RU 2009132360 A 20110410; US 2010063418 A1 20100311

DOCDB simple family (application)
EP 2008052486 W 20080229; BR PI0808533 A 20080529; CN 200880005009 A 20080229; CN 200880007069 A 20080229; DE 102007024181 A 20070524; EP 08717267 A 20080229; RU 2009132360 A 20080229; US 52990208 A 20080229