

Title (en)
SPRING-LOADED NEEDLE PROTECTIVE ASSEMBLY FOR MULTI-DRAW NEEDLE

Title (de)
MIT EINER FEDER AUSGERÜSTETE KONSTRUKTION ZUM SCHUTZE EINER NADEL FÜR MEHRFACHEN GEBRAUCH

Title (fr)
ENSEMBLE DE PROTECTION D'UNE AIGUILLE A RESSORT POUR AIGUILLE DE PRELEVEMENTS MULTIPLES

Publication
EP 1399208 A4 20050316 (EN)

Application
EP 02749870 A 20020124

Priority
• US 0221639 W 20020124
• US 76839701 A 20010124

Abstract (en)
[origin: WO02092137A2] A needle protective assembly in which a slidable sheath is mounted over a barrel which, in turn, encircles a needle. The sheath is adapted to slide along the barrel, and cover the needle after use, protecting against accidental needlesticks. The inner barrel is integrally formed with a hub in which the needle is mounted, and which may be used to attach the inventive protective assembly to a blood collection vial holder, or a hypodermic syringe, depending upon the application. In some embodiments, the protective assembly may also be formed integrally with either the blood collection vial holder, or the hypodermic syringe.

IPC 1-7
A61M 5/32; **A61B 5/15**

IPC 8 full level
A61B 5/15 (2006.01); **A61M 5/32** (2006.01); **A61M 5/00** (2006.01)

CPC (source: EP)
A61B 5/15003 (2013.01); **A61B 5/150389** (2013.01); **A61B 5/150496** (2013.01); **A61B 5/150618** (2013.01); **A61B 5/150656** (2013.01); **A61B 5/150717** (2013.01); **A61B 5/150732** (2013.01); **A61B 5/154** (2013.01); **A61M 5/3243** (2013.01); **A61M 5/002** (2013.01); **A61M 5/3257** (2013.01); **A61M 5/3271** (2013.01)

Citation (search report)
• [X] US 5295975 A 19940322 - LOCKWOOD JR HANFORD N [US]
• [X] US 4935012 A 19900619 - MAGRE GEORGE R [US], et al
• [X] US 5755696 A 19980526 - CAIZZA RICHARD J [US]
• See references of WO 02092137A2

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

DOCDB simple family (publication)
WO 02092137 A2 20021121; **WO 02092137 A3 20031002**; **WO 02092137 A9 20040115**; AU 2002320357 A1 20021125;
AU 2002332384 A1 20031111; EP 1399208 A2 20040324; EP 1399208 A4 20050316; WO 03095002 A1 20031120

DOCDB simple family (application)
US 0221639 W 20020124; AU 2002320357 A 20020124; AU 2002332384 A 20020124; EP 02749870 A 20020124; US 0202250 W 20020124