

Title (en)  
TROCAR

Title (de)  
TROKAR

Title (fr)  
TROCART

Publication  
**EP 2432409 A2 20120328 (EN)**

Application  
**EP 10736811 A 20100514**

Priority  
• IT 2010000214 W 20100514  
• IT RM20090257 A 20090519

Abstract (en)  
[origin: WO2010134112A2] The present invention concerns a trocar comprising a body (13, 14, 15, 25, 26), coupled to a hollow cylindrical cannula (29) in which a n obturator (23) is insertable, and a top cap (10), having a top, that is capable to be removably coupled to the body (13,14,15), characterised in that th e top cap (10) has p lan inscri bable in to a c ircle of radius R1, wherein a first section of the top cap (10) with a first plane passing through the top has a first upper contour comprising a central portion having a radius R2 of curvature not lower than the radius R1 of the circle into which the plan of the top cap (10) is inscribable, and wherein a second section of the top cap (10) with a second plane orthogonal to the first one and passing through the top has a second upper contour comprising a rear portion (72) having a radius R4 of curvature larger than the radius R1 of the circle into which the plan of the top cap (10) is inscribable.

IPC 8 full level  
**A61B 17/34** (2006.01); **A61M 5/178** (2006.01)

CPC (source: EP)  
**A61B 17/3417** (2013.01); **A61B 17/3421** (2013.01); **A61B 17/3462** (2013.01); **A61B 2017/3456** (2013.01); **A61B 2017/3464** (2013.01)

Citation (search report)  
See references of WO 2010134112A2

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

DOCDB simple family (publication)  
**WO 2010134112 A2 20101125; WO 2010134112 A3 20110210**; AU 2010250742 A1 20111215; CA 2762049 A1 20101125; CN 102573675 A 20120711; EP 2432409 A2 20120328; IT RM20090257 A1 20101120; JP 2013526294 A 20130624

DOCDB simple family (application)  
**IT 2010000214 W 20100514**; AU 2010250742 A 20100514; CA 2762049 A 20100514; CN 201080032665 A 20100514; EP 10736811 A 20100514; IT RM20090257 A 20090519; JP 2012511412 A 20100514