

Title (en)  
TROCER SYSTEM

Title (de)  
TROCERSYSTEM

Title (fr)  
SYSTEME DE TROCART A TROCART PROTEGE, CANULE A ELEMENTS DE PREHENSION, LOGEMENT D'EXTREMITE AMOVIBLE,  
SYSTEME DE CLAPET SOUPLE, ET METHODES ASSOCIEES

Publication  
**EP 1284665 A2 20030226 (EN)**

Application  
**EP 01937222 A 20010503**

Priority  
• US 0114476 W 20010503  
• US 58061500 A 20000530  
• US 58061600 A 20000530  
• US 58072100 A 20000530  
• US 58069300 A 20000530

Abstract (en)  
[origin: WO0191653A2] A trocar system and associated methods are provided. The trocar system preferably has a cannula having an elongate cannula body. The cannula body includes medial and distal portions thereof having a first diameter and a proximal portion thereof connected to the medial portion and having a second diameter. The second diameter is preferably larger or greater than the first diameter. A cannula body end housing is readily detachably connected to the proximal portion of the cannula body for housing at least one valve therein. First and second trocar valves are positioned within the cannula body end housing and each having an opening in a medial portion thereof. The first valve is preferably positioned proximal of the second valve. A pair of finger grips are each connected to and extending outwardly from the proximal portion of the cannula body for gripping the cannula with the fingers of a hand of a user. A trocar or other instrument is positioned within the cannula body.  
[origin: WO0191653A2] A trocar system and associated methods are provided. The trocar system (20) preferably has a cannula (30) having an elongate cannula body (31). The cannula body (31) includes medial (33) and distal (32) portions thereof having a first diameter and a proximal portion (34) thereof connected to the medial portion (33) and having a second diameter. The second diameter is preferably larger or greater than the first diameter. A cannula body end housing (60) is readily detachably connected to the proximal portion (34) of the cannula body (31) for housing at least one valve therein. First and second trocar valves (62, 66) are positioned within the cannula body end housing (60) and each having an opening (63, 67) in a medial portion thereof. The first valve (62) is preferably positioned proximal of the second valve (66). A pair of finger grips (35) are each connected to and extending outwardly from the proximal portion (34) of the cannula body (31) for gripping the cannula (30) with the fingers (F) of a hand (H) of a user (U). A trocar (40) or other instrument is positioned within the cannula body (31).

IPC 1-7  
**A61B 17/34**

IPC 8 full level  
**A61B 1/00** (2006.01); **A61B 17/34** (2006.01); **A61B 17/00** (2006.01)

CPC (source: EP)  
**A61B 17/3421** (2013.01); **A61B 17/3496** (2013.01); **A61B 17/3498** (2013.01); **A61B 17/3462** (2013.01); **A61B 17/3474** (2013.01);  
**A61B 2017/00429** (2013.01); **A61B 2017/00433** (2013.01)

Citation (search report)  
See references of WO 0191653A2

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 0191653 A2 20011206**; **WO 0191653 A3 20020516**; AU 6297901 A 20011211; CN 1444465 A 20030924; EP 1284665 A2 20030226;  
JP 2004509659 A 20040402; MX PA02011809 A 20040517

DOCDB simple family (application)  
**US 0114476 W 20010503**; AU 6297901 A 20010503; CN 01813595 A 20010503; EP 01937222 A 20010503; JP 2001587671 A 20010503;  
MX PA02011809 A 20010503