

Title (en)  
PLACENTAL BLOOD SAMPLING DEVICE

Title (de)  
PLAZENTABLUTENTNAHMEVORRICHTUNG

Title (fr)  
DISPOSITIF DE PRELEVEMENT DE SANG PLACENTAIRE.

Publication  
**EP 1684633 A2 20060802 (FR)**

Application  
**EP 04805785 A 20041027**

Priority  
• FR 2004050542 W 20041027  
• FR 0312543 A 20031027

Abstract (en)  
[origin: FR2861282A1] The device has sampling needles (10, 11) for piercing a vein in an umbilical cord and/or a placenta, and a collecting tank (20) connected to the needles through a tube. A suction unit (30) is connected to the needles and adapted to the suction of umbilical cord blood that is supplied to the collecting tank. Sampling and/or injection ports (51-53) are disposed between the needles and the collecting tank.

IPC 8 full level  
**A61B 5/15** (2006.01); **A61B 5/155** (2006.01)

CPC (source: EP US)  
**A61B 5/150038** (2013.01 - EP US); **A61B 5/150045** (2013.01 - EP US); **A61B 5/150099** (2013.01 - EP US); **A61B 5/150229** (2013.01 - EP US); **A61B 5/150305** (2013.01 - EP US); **A61B 5/150389** (2013.01 - EP US); **A61B 5/150503** (2013.01 - EP US); **A61B 5/150755** (2013.01 - EP US); **A61B 5/150992** (2013.01 - EP US)

Citation (search report)  
See references of WO 2005041772A2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**FR 2861282 A1 20050429; FR 2861282 B1 20070706**; AU 2004285322 A1 20050512; BR PI0415889 A 20070109; CA 2543702 A1 20050512; CN 1886092 A 20061227; EP 1684633 A2 20060802; JP 2007509675 A 20070419; RU 2006118336 A 20071210; US 2007112280 A1 20070517; WO 2005041772 A2 20050512; WO 2005041772 A3 20050707

DOCDB simple family (application)  
**FR 0312543 A 20031027**; AU 2004285322 A 20041027; BR PI0415889 A 20041027; CA 2543702 A 20041027; CN 200480035213 A 20041027; EP 04805785 A 20041027; FR 2004050542 W 20041027; JP 2006537387 A 20041027; RU 2006118336 A 20041027; US 57713204 A 20041027