

Title (en)  
CATHETER BALLOON SYSTEMS AND METHODS

Title (de)  
KATHETERBALLONSYSTEME UND VERFAHREN

Title (fr)  
SYSTÈMES DE BALLONNET POUR CATHÉTER ET PROCÉDÉS

Publication  
**EP 1786360 A1 20070523 (EN)**

Application  
**EP 05773685 A 20050719**

Priority  
• US 2005025556 W 20050719  
• US 89327804 A 20040719

Abstract (en)  
[origin: WO2006014631A1] A system for treatment of a bifurcation of a body lumen, the bifurcation having a main vessel and a branch vessel, the system includes a catheter having a main catheter (1220 and a first balloon (1226) associated with the main catheter shaft, a side sheath (1224) and a second balloon (1220) associated with the side sheath, and a stent (1212) including a generally cylindrical body and a branch portion (1230). A method is also described which includes advancing a catheter system through the main vessel, positioning a branch portion of a stent present in the system proximate to a branch vessel, and inflating first and second balloons thereby expanding a main body and branch portion of the stent.

IPC 8 full level  
**A61F 2/82** (2013.01); **A61F 2/856** (2013.01); **A61F 2/91** (2013.01); **A61F 2/915** (2013.01); **A61F 2/954** (2013.01); **A61F 2/958** (2013.01); **A61F 2/00** (2006.01); **A61F 2/06** (2013.01); **A61F 2/07** (2013.01)

CPC (source: EP)  
**A61F 2/82** (2013.01); **A61F 2/856** (2013.01); **A61F 2/91** (2013.01); **A61F 2/915** (2013.01); **A61F 2/954** (2013.01); **A61F 2/958** (2013.01); **A61M 25/1002** (2013.01); **A61F 2/07** (2013.01); **A61F 2002/821** (2013.01); **A61F 2002/91508** (2013.01); **A61F 2002/91516** (2013.01); **A61F 2002/91525** (2013.01); **A61F 2002/91533** (2013.01); **A61F 2002/91558** (2013.01); **A61F 2002/91583** (2013.01); **A61F 2250/0015** (2013.01); **A61F 2250/0018** (2013.01); **A61F 2250/0039** (2013.01); **A61M 2025/1045** (2013.01)

Citation (search report)  
See references of WO 2006014631A1

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

DOCDB simple family (publication)  
**WO 2006014631 A1 20060209**; CA 2573534 A1 20060209; EP 1786360 A1 20070523; JP 2008506506 A 20080306

DOCDB simple family (application)  
**US 2005025556 W 20050719**; CA 2573534 A 20050719; EP 05773685 A 20050719; JP 2007522650 A 20050719