

Title (en)  
SURGICAL SYSTEM WITH A STAPLING INSTRUMENT AND A RETRACTOR

Title (de)  
CHIRURGISCHES SYSTEM MIT EINEM KLAMMERINSTRUMENT UND EINEM RETRAKTOR

Title (fr)  
SYSTEME CHIRURGICAL PRESENTANT UN INSTRUMENT D'AGRAFAGE ET UN ECARTEUR

Publication  
**EP 1633256 A1 20060315 (EN)**

Application  
**EP 03738043 A 20030616**

Priority  
EP 0306352 W 20030616

Abstract (en)  
[origin: WO2004110285A1] In a surgical system, a stapling instrument (1) comprises a flexible shaft device (4), a handle (2), and a staple fastening assembly (6). The staple fastening assembly (6) includes a curved cartridge (10), which comprises at least one curved open row of staples, and, opposite to the cartridge (10), a curved anvil (20), which has a staple forming face and is adapted to cooperate with the cartridge (10) for forming the ends of the staples exiting from the cartridge (10). Preferably, the staple fastening assembly (6) is adapted to allow unobstructed access towards concave inner faces of the cartridge (10) and of the anvil (20). The anvil (20) can be moved relatively with respect to the cartridge (10), from a spaced position for positioning tissue therebetween to a closed position for clamping the tissue. The surgical system further includes a retractor adapted to draw tissue into the space between the cartridge (10) and the anvil (20), when the cartridge (10) and the anvil (20) are in the spaced position. In a preferred application, the surgical system is used in the treatment of gastroesophageal reflux disease (GERD).

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IPC 8 full level  
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Citation (search report)  
See references of WO 2004110285A1

Citation (examination)  
• WO 0230296 A2 20020418 - TYCO HEALTHCARE [US]  
• US 2002183766 A1 20021205 - SEGUIN JACQUES [FR]  
• US 5403326 A 19950404 - HARRISON MICHAEL R [US], et al

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