

Title (en)  
SURGICAL SOFT TISSUE STAPLER

Title (de)  
CHIRURGISCHES WEICHGEWEBEKLAMMERGERÄT

Title (fr)  
AGRAFEUSE CHIRURGICALE POUR TISSU MOU

Publication  
**EP 4267011 A2 20231101 (EN)**

Application  
**EP 21827218 A 20211130**

Priority  
• CH 16702020 A 20201224  
• IB 2021061119 W 20211130

Abstract (en)  
[origin: WO2022009189A2] There is proposed a surgical stapler assembly for closing an incision or two layers of a target tissue. According to one example, the assembly comprises: staples comprising a back span and at least two legs extending away from the back span; front spans comprising apertures sized and shaped to receive the legs; and a surgical stapler comprising a first channel for the staples, a second channel for the front spans, and a staple driver configured to selectively engage with the respective staple to eject it out of the first channel. The stapler defines an open start state, in which the driver is in a first position allowing the staples to remain in the first channel, and in which the staples are separated from the front spans in their respective channels, and a closed end state, in which the driver is in a second position. A transition of the driver from the first position to the second position results in an ejection of the respective staple out of the first channel, and in its engagement with the respective front span to form a unity.

IPC 8 full level  
**A61B 17/00** (2006.01); **A61B 17/064** (2006.01); **A61B 17/068** (2006.01)

CPC (source: EP)  
**A61B 17/0643** (2013.01); **A61B 17/068** (2013.01); **A61B 2017/00004** (2013.01); **A61B 2017/0641** (2013.01)

Citation (search report)  
See references of WO 2022009189A2

Designated contracting state (EPC)  
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Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
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