

Title (en)

SINGLE TISSUE LEAFLETS OF A PROSTHETIC VALVE

Title (de)

SEGEL AUS EINEM EINZIGEN GEWEBE FÜR EINE HERZKLAPPENPROTHESE

Title (fr)

FEUILLETS DE TISSU UNIQUE D'UNE VALVE PROTHÉTIQUE

Publication

EP 3310267 A1 20180425 (EN)

Application

EP 16875018 A 20161215

Priority

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- IB 2016057642 W 20161215

Abstract (en)

[origin: WO2017103830A1] A prosthetic heart valve having a plurality of leaflets formed from a single continuous tissue is disclosed. The leaflets made from a single continuous tissue are seated in a support frame having plurality of expandable cells. Semi-circular arcs of the leaflets are attached to a bottom row of the support frame while attachment nodes of rectangular cross-sections of the tissue are attached to commissures of the support frame. The tissue at the attachment nodes can be sutured to the support frame with leaflet sutures being positioned outside the support frame.

IPC 8 full level

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