

Title (en)

STENT WITH VESSEL VALVE

Title (de)

STENT MIT GEFÄSSKLAPPE

Title (fr)

ENDOPROTHÈSE VASCULAIRE À VALVULE

Publication

**EP 2136739 A1 20091230 (DE)**

Application

**EP 08706389 A 20080306**

Priority

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Abstract (en)

[origin: WO2008113193A1] The invention relates to a stent that comprises a single sinus section and is preferably provided at the proximal end thereof with a native vessel valve (26). The stent comprises a first and a second hollow-cylindrical section (10, 11) having a first and a second diameter each, and a third section (12) disposed therebetween having a third maximum diameter. The third maximum diameter is greater than the first and second diameters and forms the sinus section. The stent according to the invention with the single sinus has an increased functionality. Particularly when used with a graft with a sinus and vessel valve, the functionality of the stent is secured and the wear is diminished. The stent is particularly suitable for native valves and particularly as a pulmonary valve replacement.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2008113193A1

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