

Title (en)
DEVICE FOR CONNECTING TWO BLOOD VESSELS

Title (de)
VORRICHTUNG ZUM VERBINDEN ZWEIER BLUTGEFÄSSE

Title (fr)
DISPOSITIF DESTINÉ À RELIER DEUX VAISSEAUX SANGUINS

Publication
EP 2146650 A1 20100127 (DE)

Application
EP 08749379 A 20080507

Priority
• EP 2008003669 W 20080507
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Abstract (en)
[origin: WO2008138529A1] The invention relates to a device for connecting abutting ends (1) of two blood vessels (2) that will be continuous after being mutually connected (anastomosis), the device primarily and substantially comprising a supporting part (3) that can be inserted in the two ends (1) of the blood vessel (2) to be connected, made, for example, of plastic or metal, particularly in the form of a mesh, grid, or cage. The supporting part (3) can be inserted into the blood vessels (1) far enough that the faces (4) of the blood vessel ends (1) can be brought into contact with each other and are in contact with each other in the usage position. The outer cross-section of the supporting part (3) in the usage position is thereby approximately the same as the inner cross-section of the blood vessel (1) in question and has an inner pass-through cross-section (lumen), so that blood can flow unhindered, but the blood vessels (1) in contact with each other are fixed at the same height to each other on the inside, and secured against sideways deflection relative to each other or sideways deflection of the blood vessel walls. The supporting part (3) can be made from one or two pieces.

IPC 8 full level
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Citation (search report)
See references of WO 2008138529A1

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