

Title (en)
BIFURCATED STENT AND STENT SYSTEM

Title (de)
VERZWEIGTER STENT UND STENTSYSTEM

Title (fr)
STENT RAMIFIÉ ET SYSTÈME DE STENT

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Application
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Abstract (en)
[origin: WO2019197565A1] The invention relates to a bifurcated stent (1) made from strand-like starting material, in particular from filaments and/or wires (9), with a main arm (2), which has a substantially tubular main lumen (4), and a side arm (3), which branches off from the main arm (2), wherein the side arm (3) can be transferred from a first state, in which the side arm (3) lies at least partially, preferably completely, inside the main lumen (4), to a second state, in which the side arm (3) lies outside the main lumen (4), wherein the side arm (3) in the second state has a substantially tubular side lumen (6) which is fluidically connected to the main lumen (4). According to the invention, the side arm (3) comprises a shape-memory material. The invention further relates to a stent system (8) with a bifurcated stent (1) according to the above description and with a side stent (7), wherein the bifurcated stent (1) has a main arm (2) and a side arm (3), and the diameter of one end of the side stent (7) is approximately equal to the diameter of the end of the side arm (3) directed away from the main arm (2).

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