

Title (en)  
COATED MEDICAL DEVICES

Title (de)  
BESCHICHTETE MEDIZINISCHE VORRICHTUNGEN

Title (fr)  
DISPOSITIFS MÉDICAUX REVÊTUS

Publication  
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Application  
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Abstract (en)  
[origin: WO2022161813A1] The invention relates to a device (1) having a stent structure (2) intended for introduction into blood vessels of the human or animal body, wherein the stent structure (2) has an expanded state in which it is in contact with the inner wall of the blood vessel and a diameter-reduced state in which it is movable through the blood vessel within a microcatheter, wherein the stent structure (2), preferably the proximal end thereof, is connected to an insertion aid (3), wherein the device (1) is usable for treating a vasospasm and the stent structure (2) is detachable from the insertion aid (3), at least portions of the stent structure (2) bear a coating and the coating comprises a functional layer, wherein the functional layer comprises at least one sugar alcohol and/or is formed by oligomerization or polymerization of monosaccharides functionalized with polymerizable groups. The invention also relates to a corresponding method for vasospasm treatment.

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