

Title (en)

DEVICE FOR TEMPORARILY CLOSING A CANAL IN A BODY, IN PARTICULAR FOR ASSISTING THE FUNCTION OF THE HEART BY APPLICATION OF COUNTER-PRESSURE

Title (de)

TEMPORÄRE ABDICHTUNGSVORRICHTUNG FÜR EIN GEFÄSS DES MENSCHLICHEN KÖRPERS, INSBESONDERE GEEIGNET FÜR GEGENDRUCKHERZUNTERSTÜTZUNG

Title (fr)

DISPOSITIF D'OBTURATION TEMPORAIRE D'UN CANAL CORPOREL, NOTAMMENT UTILE A L'ASSISTANCE CARDIAQUE PAR CONTRE-PRESSION

Publication

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Application

EP 96915067 A 19960422

Priority

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- FR 9504794 A 19950421

Abstract (en)

[origin: WO9632971A1] The present invention concerns a device for temporarily closing a canal in a body, in particular for assisting the function of the heart by application of counter-pressure. The device is characterized in that it comprises a first inflatable structure (1) which, in the inflated state, defines a sleeve shaped to match the internal surface of the canal, providing a central conduit (4). The device further comprises a second inflatable structure which expands radially, preferably from the exterior to the interior, is held by the first structure (1) and shaped such that, in the inflated state, it permits substantially complete closure of the central conduit (4) formed after inflation of the first structure. The device finally comprises means allowing each of these first and second inflatable structures to be in fluid communication with a fluid delivery source.

IPC 1-7

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Citation (search report)

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