

Title (en)

A support device for the establishment of a controlled flow of blood in a body part

Title (de)

Stützvorrichtung zur Herstellung einer kontrollierten Blutströmung in einem Körperteil

Title (fr)

Dispositif de soutien pouvant réguler l'écoulement du sang dans une partie du corps

Publication

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Application

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Abstract (en)

[origin: WO2010020248A1] To achieve a support for sitting or lying individuals who have difficulty in moving, the problems associated with this, such as decubitus, may be remedied by a support device according to the invention, in which a large number of cylinders (4) are arranged, each having a piston and a piston rod of its own which carries a pressure plate (3). When liquid is discharged and liquid is simultaneously supplied to an adjacent cylinder (4), the blood (9) will flow directly from the one pressure plate (B) to the adjacent pressure plate (A) and is thereby conveyed through the shortest possible path in the body (8). This pattern is repeated for all the pressure plates, and this provides an unprecedentedly effective flow of blood to remedy the distress which is associated with a more or less permanent sitting or lying posture.

IPC 8 full level

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