

Title (en)
MEDICAL APPLIANCE FOR THE HAND

Publication
EP 0228768 B1 19911211 (EN)

Application
EP 86307731 A 19861007

Priority
US 80959085 A 19851216

Abstract (en)
[origin: EP0228768A2] Device and method for venous-flow stimulation, through localized periodic application of squeezing forces, essentially limited to the phalanx of the digits and thumb, and to the adjacent region of the palm of the hand. To this end, an inflatable mitt is applied to the said phalanx and adjacent regions, with digits and thumb projecting beyond the mitt. The mitt may be wrapped with suitable fabric, such as surgical gauze or muslin, to provide a circumferential tie of the inflatable regions, the tie providing hoop-tension reference for inward application of a squeezing pressure release cycle; and the squeeze is applied in unison circumferentially around each of the individual digits (and thumb) at the phalanx region. Alternatively, the inflatable mitt may be embedded in an orthopedic cast, without impairing the application of pulsed pressure local to the indicated region; in this case, the circumferential tie is provided by the cast.

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IPC 8 full level
A61H 23/04 (2006.01)

CPC (source: EP)
A61H 9/0078 (2013.01); **A61H 2205/065** (2013.01)

Cited by
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EP 0228768 A2 19870715; EP 0228768 A3 19870909; EP 0228768 B1 19911211; DE 3682888 D1 19920123; DK 167335 B1 19931018; DK 591386 A 19870617; DK 591386 D0 19861209; ES 2007024 A6 19890601; GR 862883 B 19870427; IE 59480 B1 19940309; IE 862654 L 19870616; PT 83814 A 19861201; PT 83814 B 19930129

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EP 86307731 A 19861007; DE 3682888 T 19861007; DK 591386 A 19861209; ES 8602577 A 19861014; GR 860102883 A 19861210; IE 265486 A 19861008; PT 8381486 A 19861126