

Title (en)

DEVICE FOR EXTERNALLY IMMOBILIZING BROKEN BONES

Title (de)

VORRICHTUNG ZUR EXTERNEN FIXIERUNG VON GEBROCHENEN KNOCHEN

Title (fr)

DISPOSITIF DE FIXATION EXTERNE D'OS CASSES

Publication

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Application

EP 03739462 A 20030210

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Abstract (en)

[origin: CA2475650A1] The invention relates to a device for externally immobilizing broken bones, particularly bones of the extremities. According to the invention, interspaced bone pins (9), which are provided for insertion into the bone while passing through the skin and soft-tissue mantle are arranged on a multi-articulation rod. This multi-articulation rod can be placed on the outside of the body while extending along a broken bone and comprises elements (1), which are interconnected in a ball-and-socket type manner and which can be fixed in selected relative positions. The elements (1) have a ball (2) on one end and a ball socket (3) on the other end, and the ball (2) of one element is located inside the ball socket (3) of an adjacent element. The ball and ball socket each geometrically extend over more than one hemisphere, and the surfaces of the ball (2) and ball socket (3) are roughened.

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IPC 8 full level

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