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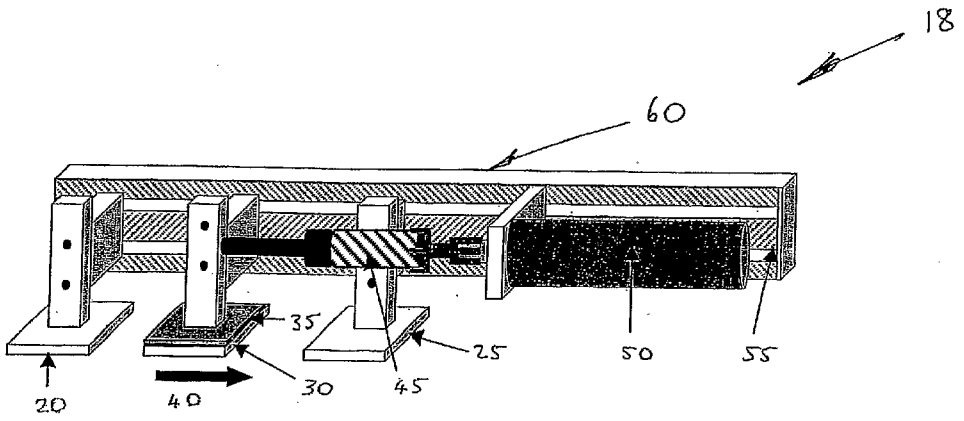
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(54) Title: APPARATUS AND METHOD FOR MEASURING IN VIVO BIOMECHANICAL PROPERTIES OF SKIN



(57) Abstract: An assembly for measuring in vivo biomechanical properties of skin, comprising a testing device, said testing device comprising; a first pad attachable to the skin a second pad attachable to the skin, at a known distance from the first pad; said attachability of the pads to the skin to prevent relative movement between the respective pad and the skin to which it is attached; a forcing means for applying a force to the first pad, whilst said pads are attached to the skin, along a first axis connecting the first and second pad, to induce a corresponding relative movement between the pads due to deformation of the skin between said pads; a force measurement device for measuring the applied force, and; a displacement measurement device for measuring the corresponding induced movement.

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