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(54) Title: STRETCH SENSOR DEVICE

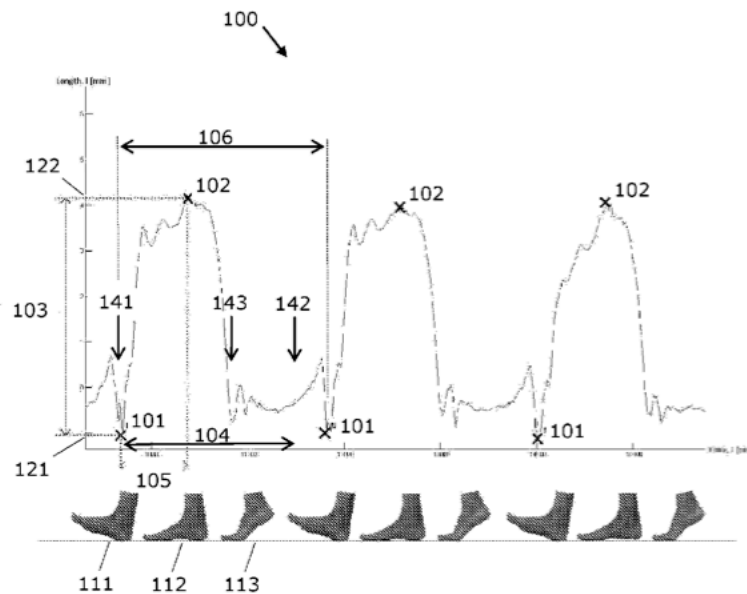


Fig. 1

(57) Abstract: The invention relates to a method for determining stretch values and movement of body parts, e.g. a foot, by analysing stretch data from a stretch sensor. By analysing data from the stretch sensor it is possible to determine stretch samples which are associated with particular motion phases. Thereby the stretch values determined from the stretch samples have a particular physical meaning since they are associated with particular motion phases.



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