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(54) Title: SYSTEMS AND METHODS FOR RECOGNISING CHILDREN SUFFERING COWS' MILK ALLERGY

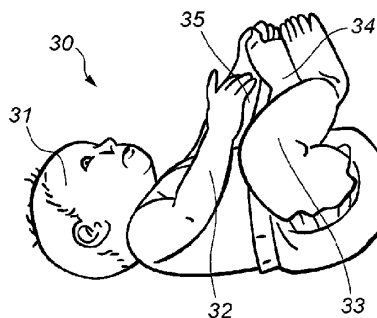


Fig. 2

(57) Abstract: A system for use in recognising an infant suffering from cow's milk allergy is described which comprises measuring body movement of the infant, wherein the system comprises computer processing means configured, in use, to: receive a video including a sequence of images of an infant moving; detect the infant in the video images; locate at least one reference point on the infant; measure a vector of movement for the or each reference point over a sequence of said images; compare the or each vector of movement against a directory of corresponding vectors of movement and determine a proximity value; generate a communication in which the proximity value is used to provide an indication of whether the infant is suffering from cow's milk allergy. Methods for recognising cow's milk allergy in an infant, computer-implemented methods for use in recognising an infant suffering from cow's milk allergy and non-transitory processor-readable mediums having instructions stored thereon, which when executed by one or more processors, cause the processors to implement said methods are also described.