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 (57) Abstract:

A movement pattern determining arrangement comprises a movement classification device (16) that obtains three-dimensional acceleration vectors ($A(x, y, z)$) from an accelerometer (14) at regularly recurring times, the movement classification device comprises a group of hit indicating units (20A, 20B, 20C, 20D, 20E, 20F) for processing components of the acceleration vectors in at least one dimension in order to obtain acceleration measures, each hit indicating unit being dedicated to perform processing in a dimension and configured to combine a current acceleration vector component with previous acceleration vector components for obtaining an acceleration measure, compare the acceleration measure with at least one acceleration measure threshold, and indicate a hit if the acceleration measure threshold is crossed, and a pattern handling unit (22) configured to provide a pattern of the hits from all processing being made for the dimensions, which pattern corresponds to a type of movement of the accelerometer (14).

