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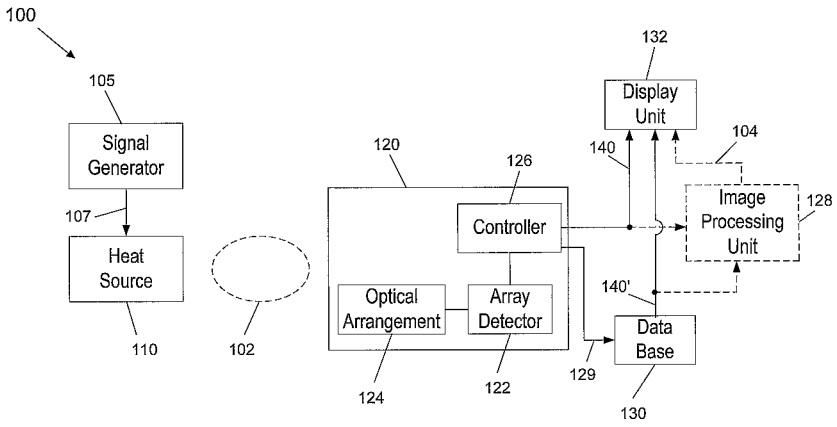


Fig. 1

(57) Abstract: The invention relates to a thermography IR system for determining the authenticity of a pharmaceutical product, the system comprises: (a) a thermography IR apparatus for: (a.1) acquiring at predefined controlled conditions an authenticity signature of an authentic pharmaceutical product, said authenticity signature comprises at least one thermography image of said authentic product, each of said images describes the distribution over said product of the IR radiation in an MWIR or LWIR spectrum as a function of temperature and emissivity; (a.2) storing said acquired authenticity signature in a memory; and (a.3) for a tested pharmaceutical product that corresponds to said authentic product, and whose authenticity is suspected, acquiring at same predefined controlled conditions a test signature, said test signature also comprises at least one thermography image of said tested product, each of said images describes the distribution over said test product of the IR radiation in an MWIR or LWIR spectrum as a function of temperature and emissivity; and (b) a comparison unit for comparing between said authenticity signature and said test signature.

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