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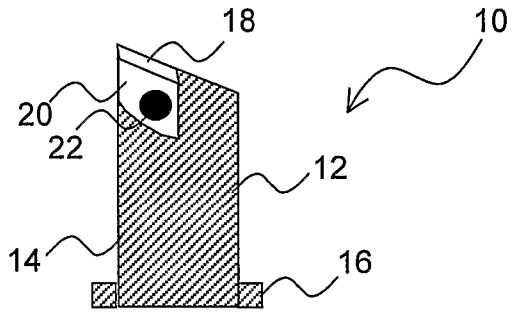
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(54) Title: ENUMERATION OF THROMBOCYTES



(57) Abstract: A sample acquiring device for volumetric enumeration of thrombocytes in a blood sample comprises a measurement cavity for receiving a blood sample. The measurement cavity has a predetermined fixed thickness. The sample acquiring device further comprises a reagent, which is arranged in a dried form on a surface defining the measurement cavity. The reagent comprises a haemolysing agent for lysing red blood cells in the blood sample, and optionally a staining agent for selectively staining thrombocytes in the blood sample. A system comprises the sample acquiring device and a measurement apparatus. The measurement apparatus comprises a sample acquiring device holder, a light source, and an imaging system for acquiring a digital image of a magnification of the sample. The measurement apparatus further comprises an image analyser arranged to analyse the acquired digital image for determining the number of thrombocytes in the blood sample.

WO 2008/010760 A1