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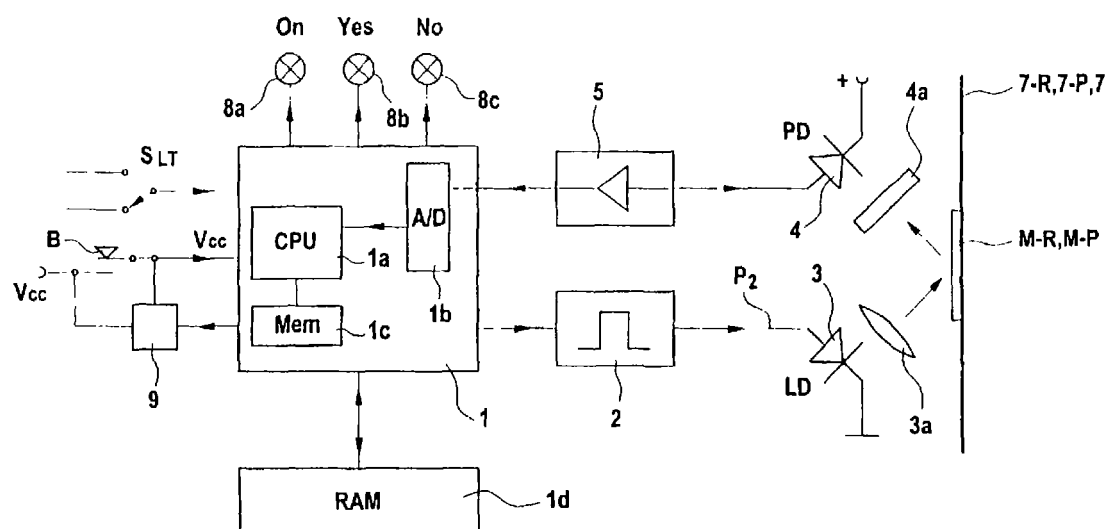
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(54) Title: METHOD, DEVICE AND SECURITY SYSTEM, ALL FOR AUTHENTICATING A MARKING

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(57) Abstract: The invention refers to a method, device and security system, all for authenticating a marking (M-P), comprising the steps of exciting said luminescent probe marking (M-P) with at least one excitation pulse (P) of at least one excitation source (3, 31-36), measuring probe intensity values ($V_{P1}-V_{Pn}$) of emission intensity (I) from emission radiation (E) of said luminescent probe marking (M-P) in response to said at least one excitation pulse (P) at time intervals (t_1-t_n), forming a probe intensity-versus-time emission function of said probe intensity values ($V_{P1}-V_{Pn}$), comparing said probe intensity-versus-time emission function with at least one reference intensity-versus-time emission function, said probe intensity-versus-time emission function and said reference intensity-versus-time emission function are normalized prior to comparison

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