Abstract: An optical apparatus for the inspection of nucleic acid probes includes: a holder (22) for housing a chip (1) for analysis of nucleic acids, containing nucleic acid probes (12, 12'); a light (24), for supplying an excitation radiation \( (W_p) \) to the holder (22); and an optical sensor (25) for detecting images (IMG) of the nucleic acid probes (12, 12'), when a chip (1) is housed in the holder (22). The light source (24) is configured for polarizing the excitation radiation \( (W_p) \) according to a polarization direction \( (D_{pr}) \). Furthermore, the apparatus is provided with a sensing polarizing filter (27), which is arranged so as to intercept a reflected portion \( (W_r) \) of the excitation radiation \( (W_p) \), directed towards the optical sensor (25). The sensing polarizing filter (27) has a direction of the sensing polarization \( (D_s) \) transverse to the excitation polarization direction \( (D_{pr}) \).
For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.