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(54) **Title:** SYSTEM AND METHOD FOR A WET CHEMICAL TREATMENT OF A SUBSTRATE SURFACE

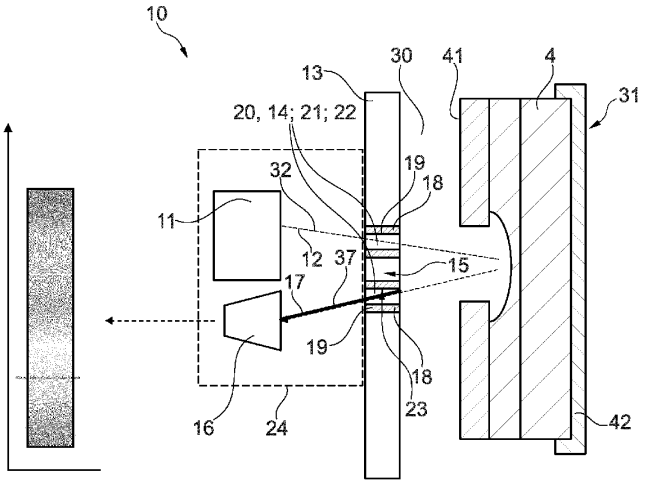


Fig. 1a

(57) **Abstract:** The disclosure relates to a system for a wet chemical treatment of a substrate surface and a method for a wet chemical treatment of a substrate surface. The system for a wet chemical treatment of a substrate surface comprises a radiation source configured to provide a first electromagnetic radiation. The system further comprises a distribution body comprising at least jet holes, wherein the jet holes are configured to distribute a wet chemical relative to the substrate surface. The system further comprises at least a wave-guide module, wherein the wave-guide module is configured to guide the first radiation from the radiation source through the distribution body. The system further comprises a sensor element configured to detect a second radiation, which is the reflection of the first radiation at the substrate surface. The wave-guide module is further configured to guide also the second radiation through the distribution body and to the sensor.

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