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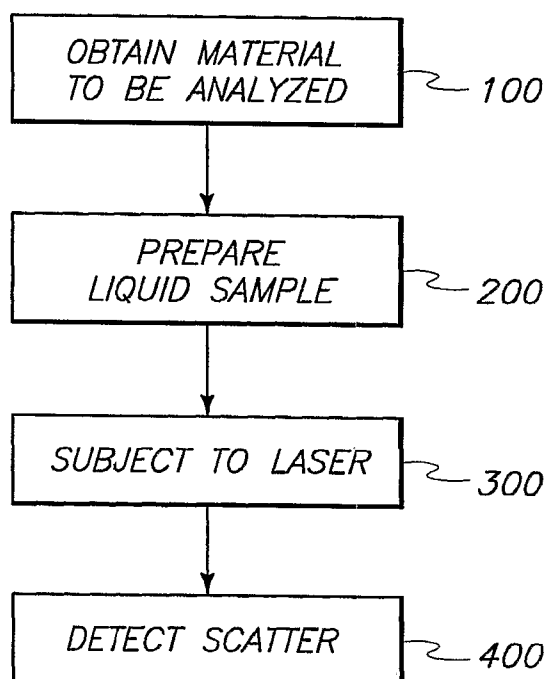
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(54) Title: LIQUID-PARTICLE ANALYSIS OF METAL MATERIALS



(57) Abstract: The invention includes a method of detect-
ing impurities in a metal-containing article. A portion of
metal material is removed from a metal article and is sol-
ubilized in an acid or base-comprising liquid to produce a
liquid sample. The liquid sample is subjected to an incident
laser beam and light scattered from the sample is detected.
The invention includes a method of analyzing a physical vapor
deposition target material. A portion of target material
is removed from the target and is rinsed with an acid-com-
prising solution. The portion of target material is dissolved
to produce a liquid sample. The sample is subjected to an
incident laser beam and scatter of the laser beam is detected
to determine the number of particles present in the sample
within a particular size range.

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