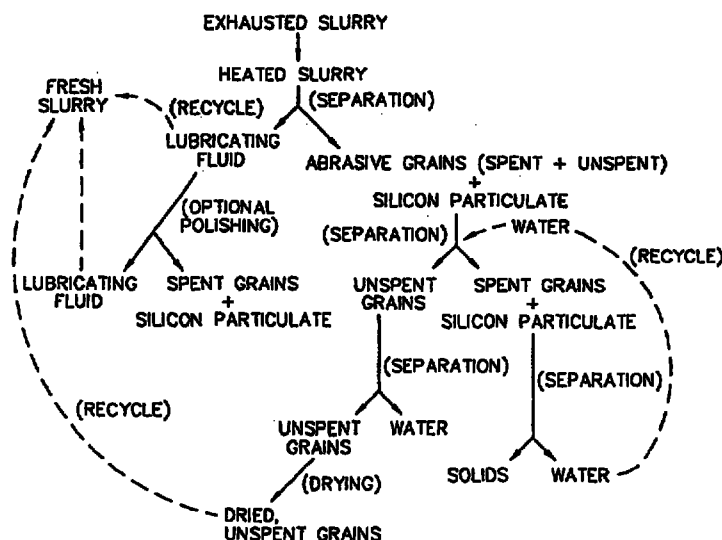




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(54) Title: METHOD FOR THE SEPARATION, REGENERATION AND REUSE OF AN EXHAUSTED GLYCOL-BASED SLURRY

**(57) Abstract**

A method of separating, recovering and reusing components of an exhausted slurry used in slicing silicon wafers from a silicon ingot. In the method, the viscosity of the exhausted slurry is reduced and the lubricating fluid component of the slurry is separated from solids and collected, the collected lubricating fluid component being suitable for reuse in the preparation of a fresh slurry without any additional separation steps being necessary. Additionally, the separated solids may be collected and further separated into an unspent abrasive grain component, which is suitable for reused in the preparation of a fresh slurry, and a waste product containing silicon particulate and spent abrasive grains.