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ABSTRACT OF THE DISCLOSURE

A slurry mixing feeder for feeding a slurry to a chemical mechanical polishing machine is disclosed. The slurry
5 contains liquids at a desired mixing ratio. The liquids includes at least a dispersion of fine abrasive particles and a solution of an additive. The slurry mixing feeder comprises: suction ports for sucking the liquids, respectively, a number of said suction ports corresponding to that of the liquids; a
10 discharge port for feeding the slurry to the chemical mechanical polishing machine; feed pumps arranged in feed lines for the respective liquids, said feed lines extending from the individual suction ports to the discharge port, for sucking the individual liquids in specific amounts to give the mixing ratio
15 and delivering the thus-sucked liquids toward the discharge port; and dampers and pressure-regulated restrictors arranged in combination in the feed lines on delivery sides of the feed pumps, respectively. A slurry mixing and feeding method is also disclosed.