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(54) **METHOD OF LASER PROCESSING MOLD SURFACE**

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(52) **U.S. Cl.**
CPC ***B29C 33/3842*** (2013.01); *B29C 33/424* (2013.01)

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CPC .. B29C 33/3842; B29C 33/424; B29C 45/37; G06F 17/50; B23K 26/0066
See application file for complete search history.

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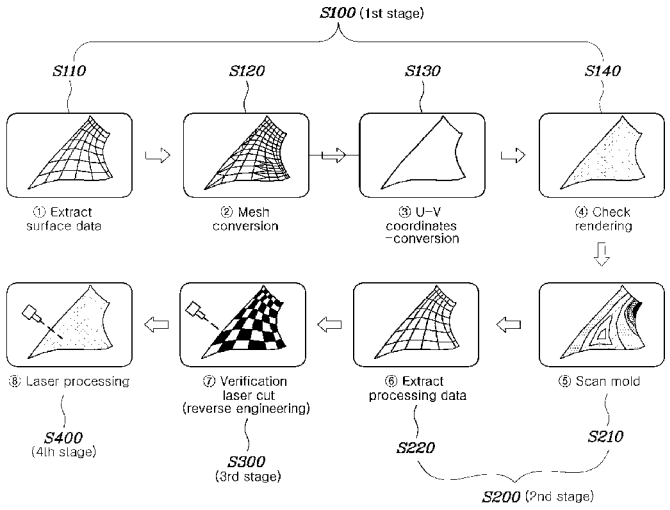
(57) **ABSTRACT**

A method of laser processing a mold surface may include a first stage of extracting mapping data for forming an embossing pattern on the mold surface using laser processing, a second stage of extracting scanning data obtained by scanning the mold surface and matching the scanning data with the mapping data so as to extract processing data for laser processing, a third stage of performing a reverse engineering process for verifying error between the mold surface and the processing data when processing the mold surface to form the embossing pattern using the processing data, and a fourth stage of, when the error may be within an allowable tolerance, performing the laser process using a verified processing data.

7 Claims, 5 Drawing Sheets