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(54) Title: SYSTEM AND METHOD OF MAKING AN ARTIFICIAL STONE HAVING A CONTROLLED THICKNESS

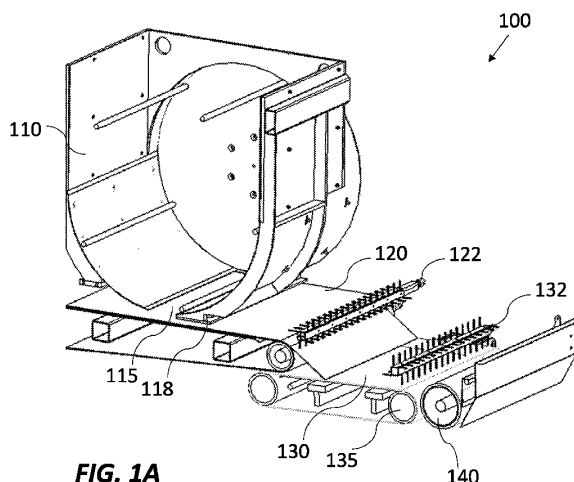


FIG. 1A

(57) Abstract: A system for making an artificial stone is disclosed. The system comprises: a weighing and dosing unit; an upper conveyor positioned to receive an artificial stone mixture from a bottom exit of the weighing and dosing unit, wherein the artificial stone mixture comprises an inorganic filler and a polymeric binder; a lower conveyor, located partially under the upper conveyor, positioned to receive the artificial stone mixture from the upper conveyor; and a crushing cylinder located against distal rotating axes of the lower conveyor at a distance of 1 to 20 mm from the lower conveyor, rotating at a tangential speed which is at least twice higher than the speed of the lower conveyor, wherein the crushing cylinder is configured to lay and unify the artificial stone mixture on a final conveyor.

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