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(54) Title: A MOULD SET FOR FABRICATION OF AN EPS PALLET AND USE THEREOF

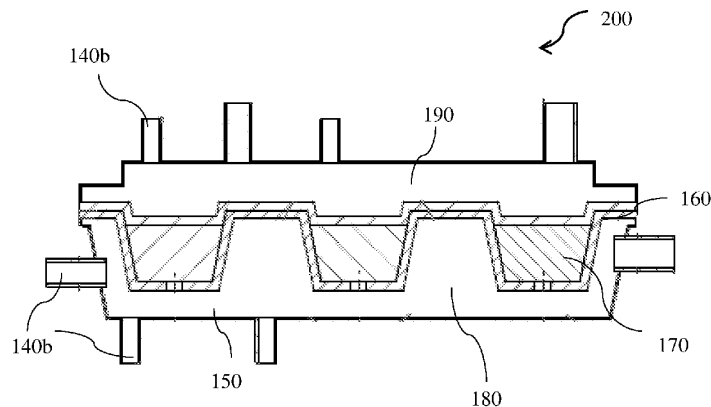


FIG. 2a

(57) Abstract: The present invention provides for a mould set for fabrication of an EPS pallet, a process for making the mould set for fabrication of the EPS pallet, and a process for fabricating the EPS pallet using the mould set. The mould set includes a modular platform mould and a leg mould configured to fabricate a platform section and plurality of leg support sections of the EPS pallet, respectively. The modular platform mould includes a modularity unit which enables alternation of dimension of hollow space which is configured to receive feed of polystyrene beads and thereby enabling moulding of the platform section of varying dimensions from a single mould. The one or more leg support sections are affixed to bottom side of the platform section at predefined locations, based on weight bearing capacity and position of lifting, to form the EPS pallet. The easy customization into various sizes as per requirement using a single mould structure reduces requirement of hoarding various moulds for different dimensions of EPS pallet, thereby significantly reducing the cost of moulding operations.

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