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(56) **References Cited**

FOREIGN PATENT DOCUMENTS

CN	202061980	U	*	12/2011	
CN	105881850	B	*	8/2016	
CN	207206933	U	*	4/2018	
CN	207839723	U	*	9/2018	
KR	20140021806	A	*	2/2014	 B29C 45/4435

* cited by examiner

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(57) **ABSTRACT**

The present disclosure includes a mold base set, a forming mold core, a rubber pad or a rubber bladder, and a lateral pressure mechanism, wherein the mold base set includes a first mold base and a second mold base, and the second mold base has a mounting part; the forming mold core is arranged on the first mold base; the rubber pad is arranged on the mounting part, and the base surface and side wall surface of the sheet are molded during mold assembly of the mold base set; and the lateral pressure mechanism includes a slope fixed block fixed to the first mold base and a slope slide block set arranged on the second mold base.

14 Claims, 9 Drawing Sheets

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