

Title (en)  
STRETCH FORMING SYSTEM AND STRETCH FORMING METHOD

Title (de)  
STRECKFORMSYSTEM UND STRECKFORMVERFAHREN

Title (fr)  
SYSTÈME ET PROCÉDÉ DE FORMAGE PAR ÉTIRAGE

Publication  
**EP 2910318 A1 20150826 (EN)**

Application  
**EP 13846537 A 20131009**

Priority  
• JP 2012229147 A 20121016  
• JP 2013077517 W 20131009

Abstract (en)  
A stretch forming system has jaws clamping a workpiece at end edge portions, a die disposed between the jaws and coming into contact with the workpiece, and a plurality of control axes changing relative positions and orientations of the jaws with respect to the die, and has a jaw path calculating unit calculating paths of the relative positions and orientations of the jaws with respect to the die when the workpiece is wrapped onto the die by moving the die in a vertical direction under a restricting condition that the positions and orientations of the jaws are freely changeable except for movement in a vertical direction being regulated, and a control axis operation pattern calculating unit calculating operation patterns of the plurality of the control axes achieving the paths of the jaws.

IPC 8 full level  
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CPC (source: EP US)  
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Cited by  
CN109661282A; CN111167919A; WO2018006113A1

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**EP 2910318 A1 20150826**; **EP 2910318 A4 20160629**; JP 2014079781 A 20140508; JP 5961088 B2 20160802; US 2015266077 A1 20150924; WO 2014061530 A1 20140424

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