

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 A4 20160629 (EN)

Application
EP 13846537 A 20131009

Priority
• JP 2012229147 A 20121016
• JP 2013077517 W 20131009

Abstract (en)
[origin: EP2910318A1] 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.

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CPC (source: EP US)
B21D 11/02 (2013.01 - US); **B21D 25/02** (2013.01 - EP US); **B21D 25/04** (2013.01 - EP US)

Citation (search report)
• No further relevant documents disclosed
• See references of WO 2014061530A1

Cited by
CN109661282A; CN111167919A; WO2018006113A1

Designated contracting state (EPC)
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