

Title (en)
Expandable bending head

Title (de)
Spreizbarer Biegekopf

Title (fr)
Tête de pliage extensible

Publication
EP 2380674 A3 20151021 (DE)

Application
EP 11161132 A 20110405

Priority
DE 102010018397 A 20100426

Abstract (en)
[origin: EP2380674A2] The head (1) has holders (4a, 4b) movably supported on a carriage (3) against each other in a pull-out position. A bending core (13) comprises bending core sections, and bending fingers (12a, 12b) are arranged at holders and swivelable around the core sections on a circular curve type path. Middle points of the path are coincided with each other in the pull-out position, where the bending fingers are swivelable in the path. Drives (9a, 9b) i.e. numerical control drives, are supported at the holders. The bending fingers are designed as bending rollers or sliding pieces.

IPC 8 full level
B21D 7/022 (2006.01); **B21D 11/06** (2006.01)

CPC (source: EP)
B21D 7/022 (2013.01); **B21D 11/07** (2013.01)

Citation (search report)

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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2380674 A2 20111026; EP 2380674 A3 20151021; DE 102010018397 A1 20111027; DE 102010018397 B4 20131212

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EP 11161132 A 20110405; DE 102010018397 A 20100426