

Title (en)  
BENT MEMBER AND METHOD FOR MANUFACTURING SAME

Title (de)  
GEBOGENES ELEMENT UND VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)  
ÉLÉMENT PLIÉ ET PROCÉDÉ DE FABRICATION CORRESPONDANT

Publication  
**EP 2484461 A4 20150603 (EN)**

Application  
**EP 10820735 A 20100928**

Priority

- JP 2009224515 A 20090929
- JP 2010067312 W 20100928

Abstract (en)  
[origin: US2012171506A1] A curved-part forming method for obtaining a curved part by performing forming on a blank formed of a single metal plate, the method including a bending process in which the blank having a curved outline corresponding to a curve of the curved part in a longitudinal direction is bent into a sectional shape corresponding to a division portion of a sectional shape of the curved part; and a joining process in which two or more portions obtained by the bending process are joined together.

IPC 8 full level  
**B21D 5/01** (2006.01); **B21D 47/01** (2006.01); **E04C 3/07** (2006.01)

CPC (source: EP KR US)  
**B21C 37/14** (2013.01 - EP US); **B21D 5/01** (2013.01 - KR); **B21D 5/015** (2013.01 - EP US); **B21D 47/01** (2013.01 - EP US); **B21D 51/16** (2013.01 - KR); **E04C 3/07** (2013.01 - EP US); **E04C 2003/0413** (2013.01 - EP US); **E04C 2003/0439** (2013.01 - EP US); **E04C 2003/0465** (2013.01 - EP US); **Y10T 428/12229** (2015.01 - EP US)

Citation (search report)

- [X1] AU 6392473 A 19750626 - WELLINGTON R F
- See references of WO 2011040623A1

Cited by  
WO2017108526A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**US 2012171506 A1 20120705**; CA 2772925 A1 20110407; CA 2772925 C 20150203; CN 102574192 A 20120711; CN 102574192 B 20150701; EP 2484461 A1 20120808; EP 2484461 A4 20150603; EP 2484461 B1 20180418; JP 2011073010 A 20110414; JP 5515566 B2 20140611; KR 101443990 B1 20140923; KR 20120055616 A 20120531; WO 2011040623 A1 20110407

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**US 201013395477 A 20100928**; CA 2772925 A 20100928; CN 201080043047 A 20100928; EP 10820735 A 20100928; JP 2009224515 A 20090929; JP 2010067312 W 20100928; KR 20127005931 A 20100928