

Title (en)
DEVICE FOR MACHINING A LARGE-SCALE THIN-WALLED WORKPIECE

Title (de)
VORRICHTUNG ZUM BEARBEITEN EINES GROSSFORMATIGEN, DÜNNWANDIGEN WERKSTÜCKS

Title (fr)
DISPOSITIF POUR USINER UNE PIÈCE DE GRAND FORMAT, À PAROI MINCE

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EP 2635401 A1 20130911 (DE)

Application
EP 11788767 A 20111026

Priority
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• EP 2011005390 W 20111026

Abstract (en)
[origin: WO2012059194A1] The invention relates to a device (1) for machining a large-scale thin-walled workpiece (2), comprising at least one machining device (3), which is arranged so as to be movable relative to the workpiece (2) in order to machine at least one section of the workpiece (2) on a machining side of the workpiece (2), and comprising at least one clamping device for clamping the section of the workpiece (2) at least periodically during the machining thereof. The aim of the invention is to allow quick and inexpensive machining of a large-scale thin-walled workpiece. According to the invention, this aim is achieved in that the clamping device has at least two clamping units (4, 5), of which a first clamping unit (4) is disposed on the machining side of the workpiece (2) and a second clamping unit (5) is disposed on the side of the workpiece (2) opposite the machining side. In order to clamp the section of the workpiece (2), at least one of the two clamping units (4, 5) is mounted so as to be able to move towards the respective other clamping unit (4, 5).

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B23Q 3/002 (2013.01); **B23Q 2240/002** (2013.01)

Citation (search report)
See references of WO 2012059194A1

Citation (examination)
• DE 102007028934 A1 20081224 - TRUMPF WERKZEUGMASCHINEN GMBH [DE]
• DE 102010050149 A1 20120503 - MUBEA SYSTEMS S A [BE]

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DOCDB simple family (publication)
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