

Title (en)

IMPROVED DEVICE FOR PROCESSING A BEAM

Title (de)

VERBESSERTE VORRICHTUNG ZUR BEARBEITUNG EINES STRAHLS

Title (fr)

DISPOSITIF AMÉLIORÉ POUR LE TRAITEMENT D'UN FAISCEAU

Publication

EP 3539740 A1 20190918 (EN)

Application

EP 19162573 A 20190313

Priority

BE 201805164 A 20180316

Abstract (en)

An apparatus for machining a beam is described. The apparatus comprises a direction of passage (x) and two carriers (2, 3) spaced in the direction of passage (x). The apparatus is configured to move each carrier (2, 3) of the apparatus in the direction of passage (x). Each carrier comprises an outer frame (20, 30) and an inner ring (21, 31), wherein the inner ring (21, 31) is rotatably mounted about an axis of rotation essentially parallel to the direction of passage (x) in the outer frame (20, 30). The inner ring (21, 31) comprises a clamping mechanism (22, 23) for clamping a beam. The clamping mechanism (22, 23) comprises a clamping direction essentially perpendicular to the direction of passage (x). The apparatus comprises a machining cabinet (6) positioned between the two carriers (2, 3), wherein both carriers can be moved at least partially into the machining cabinet (6).

IPC 8 full level

B27C 9/00 (2006.01); **B27M 1/08** (2006.01)

CPC (source: EP)

B27C 9/00 (2013.01); **B27M 1/08** (2013.01)

Citation (applicant)

- EP 1027952 A2 20000816 - HUNDEGGER HANS [DE]
- EP 1405693 A2 20040407 - HUNDEGGER HANS [DE]
- EP 2353820 A2 20110810 - HUNDEGGER HANS [DE]
- EP 2275237 A1 20110119 - ESSETRE HOLDING SPA [IT]
- FR 2578777 B1 19890324 - BONNEVAL PIERRE [FR]
- EP 2801428 A1 20141112 - CINETIC MACHINING [FR]
- DE 102013214019 B3 20140911 - TRUMPF WERKZEUGMASCHINEN GMBH [DE]

Citation (search report)

- [XYI] EP 2801428 A1 20141112 - CINETIC MACHINING [FR]
- [XYI] DE 102013214019 B3 20140911 - TRUMPF WERKZEUGMASCHINEN GMBH [DE]
- [Y] WO 2011050404 A1 20110505 - SMART STEEL SYSTEMS PTY LTD [AU], et al
- [X] US 2007199187 A1 20070830 - OHMORI HITOSHI [JP], et al

Designated contracting state (EPC)

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Designated extension state (EPC)

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