

Title (en)
Jet cutting device

Title (de)
Strahlschneidvorrichtung

Title (fr)
Dispositif de découpage au jet

Publication
EP 2583790 B1 20140903 (DE)

Application
EP 12007193 A 20121017

Priority
DE 102011116228 A 20111017

Abstract (en)
[origin: EP2583790A1] The device (10) has a supply device for supplying cutting fluid, and a nozzle (18) for pressing cutting fluid i.e. carbon dioxide, staying under pressure and supplied to the cutting device during operation for producing a cutting beam (20). A chamber (24a) is provided for enclosing the cutting beam from its outlet from the nozzle till to its striking on a workpiece (22), where the chamber thermodynamically and/or flow-mechanically influences the cutting beam. The chamber is made from elastic material, where an end of the chamber is provided with a sealing device.

IPC 8 full level
B24C 1/00 (2006.01); **B24C 1/04** (2006.01); **B24C 9/00** (2006.01)

CPC (source: EP)
B24C 1/003 (2013.01); **B24C 1/045** (2013.01); **B24C 9/00** (2013.01)

Cited by
DE102017204883A1; WO2023203020A1; EP3180163B1

Designated contracting state (EPC)
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