

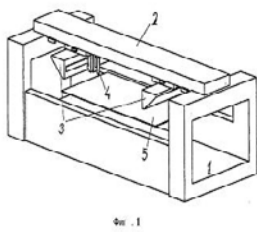
(54) Title of the invention : LASER CUTTING MACHINE AND MACHINE READABLE MEDIUM

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(57) Abstract :

The invention relates to the laser cutting of materials including metals and can be used to provide greater functional potential by making it possible for two or more laser heads to operate independently on the same machine. The laser cutting machine comprises a base (1) at least one longitudinal guide (2) at least two transverse guides (3) at least two laser heads (4) and a computing device. Each transverse guide (3) is mounted on a longitudinal guide (2) such as to be capable of independent longitudinal movement and each laser head (4) is mounted on a transverse guide (3) such as to be capable of independent horizontal and vertical movement. Transverse guide and laser head drives are connected to the computing device which is designed to be capable of the independent programmed control of each of said drives. As a result when two laser heads are present the machine provides for the six coordinate control of both of the laser heads.



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