

Title (en)

CUTTING MACHINE WITH OVERVIEW CAMERA

Title (de)

SCHNEIDEMASCHINE MIT ÜBERBLICKSKAMERA

Title (fr)

DÉCOUPEUSE AVEC CAMÉRA DE VISION GÉNÉRALE

Publication

**EP 3606709 B1 20240221 (DE)**

Application

**EP 17716189 A 20170405**

Priority

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Abstract (en)

[origin: WO2018184677A1] The invention relates to a cutting machine (1) designed to cut objects (40, 40') with a flat surface, the surface having a graphical design (44, 44') with optical registration features, comprising a working surface (10) for receiving at least one object (40, 40'), a first camera unit (20) arranged in relation to the working surface (10) in such a way that the field of vision thereof encompasses the whole working surface (10), a working group (12) arranged above the working surface (10) in a movable manner, and at least one cutting device (15) for cutting the at least one object (40, 40'), and a computing unit (30) with a circuit and programme code for controlling the cutting machine (1), comprising a storage unit for storing instructions for cutting determined objects (40, 40'), the computing unit (30) comprising a circuit and programme code for evaluating images (50) of the first camera unit (20) and being designed to identify registration features of the at least one object (40, 40') in an image (50) of the first camera unit (20), and being designed to define a cutting path (45, 45') for the cutting device (15) according to at least one stored instruction and based on positions of the registration features (42) in the image (50).

IPC 8 full level

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