

Title (en)

HIGH FREQUENCY LASER MARKING MACHINE

Title (de)

HOCHFREQUENZLASERMARKIERUNGSMASCHINE

Title (fr)

MACHINE DE MARQUAGE LASER À HAUTE CADENCE

Publication

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Application

**EP 07731120 A 20070309**

Priority

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- FR 0602209 A 20060314

Abstract (en)

[origin: WO2007104854A2] The invention concerns a machine (5) for laser marking media (81) consisting in particular of plastic cards (8) optionally comprising integrated circuits (80). The invention is characterized in that it comprises: a laser chamber (59) covering at least two locations (52a, 52b, 52a', 52b') for marking media (81) on an internal transfer device, the latter moving the media (81) in the laser chamber from a first location (52a, 52a') towards a second location (52b, 52b'), a position encoder (9) sensing the movement of each medium (81) and generating position data relative to the locations (52a, 52b, 52a', 52b') of the chamber and laser marking means (50) generating a laser beam (509) and comprising optical means for deflecting the beam (509) based on the orientation data, towards a mobile marking zone moving between the two locations (52a, 52b, 52a', 52b') and comprising the medium (81) during the marking operation; a transfer device (2) outside the laser chamber transporting the media (81) towards or outside the laser chamber (59).

IPC 8 full level

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