

Title (en)

METHOD OF MANUFACTURING A MICROSYSTEM AND OF PRODUCING A MICROSYSTEM LASER FROM IT.

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES MIKROSYSTEMS UND DARAUS BILDUNG EINES MIKROSYSTEMLASERS.

Title (fr)

PROCEDE DE FABRICATION DE MICROSYSTEMES ET FORMATION D'UN LASER A BASE D'UN TEL MICROSYSTEME.

Publication

EP 0635141 A1 19950125 (DE)

Application

EP 93908902 A 19930403

Priority

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- EP 9300830 W 19930403

Abstract (en)

[origin: WO9321551A1] The invention concerns a method of manufacturing a microsystem and of producing from it a microsystem laser designed preferably as a vertical structural element formed by contacting wafers carrying different functional system elements so that (a) this system includes heterogeneous functions such as actuators, optics, sensors, cooling system, micro-mechanics and electronics and (b) the wafers carrying these functions permit relatively homogeneous processing of the extremely similar functions integrated on each wafer so that the complexity of the system is only produced by the vertical disposition of these functions.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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C-Set (source: EP US)

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See references of WO 9321551A1

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EP 9300830 W 19930403; DE 4211899 A 19920409; EP 93908902 A 19930403; JP 51794593 A 19930403; US 42079195 A 19950407