

ABSTRACT

INJECTION LASER

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(57) Injection radiators are used for pumping solid-state and fibre lasers and amplifiers used for producing medical devices, laser production equipment, lasers generating a double-frequency radiation and in the form of highly efficient general-purpose solid-state radiation sources used in a given waveband, including white light emitters used for illumination. Said invention also relates to superpower highly-efficient and reliable injection surface-emitting lasers, which generate radiation in the form of a plurality of output beams and which are characterised by a novel original and efficient method for emitting the radiation through the external surfaces thereof.

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Fig 1