

Title (en)

FAT REDUCING DEVICE AND METHOD UTILIZING OPTICAL EMITTERS

Title (de)

FETTREDUZIERUNGSVORRICHTUNG UND VERFAHREN MIT OPTISCHEN EMITTERN

Title (fr)

DISPOSITIF ET PROCÉDÉ DE RÉDUCTION DE LA GRAISSE METTANT EN OEUVRE DES ÉMETTEURS OPTIQUES

Publication

EP 3531947 A1 20190904 (EN)

Application

EP 17863322 A 20170627

Priority

- US 201615337833 A 20161028
- US 2017039472 W 20170627

Abstract (en)

[origin: MX2019004642A] A fat reducing device and method utilizing optical emitters includes an array housing a plurality of optical emitters which are positioned to produce an optical output directed to a recipient, and a controller for instructing an operation of the array. The optical output being generated by a plurality of LED's cumulatively producing red light at approximately 635nm, and at approximately 40,000 Lux, measurable at the array. The method includes reducing the lipid content of subcutaneous adipocytes using the optical emitting device, by delivering red light at approximately 313.6 Lux at a wavelength of approximately 635nm for between 1 and 8 minutes, resulting in a total delivery of 2.88 Joules to the subcutaneous adipocytes of the target area of the recipient.

IPC 8 full level

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CPC (source: EP US)

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