

ABSTRACT**1.5 micron imaging source and imaging device incorporating the source**

The invention relates to a pulsed laser imaging source emitting at a wavelength of about 1.5 microns in a spectral band ($\Delta\lambda$) of a few nanometers and delivering a power of between at least a few tens of millijoules and several hundred millijoules, characterized in that it comprises:

- a source (Ds) emitting a wave having pulses of greater than approximately a few tens of nanoseconds duration;
- an amplifier assembly (Ampli1, Ampli2, Ampli3) delivering an amplified wave from the wave output from the pulse source;
- a set of N fibers (Fi) connected in parallel, supplied with the amplified wave, each of the fibers connected in parallel being coupled to an output amplifier.

Figure 2



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