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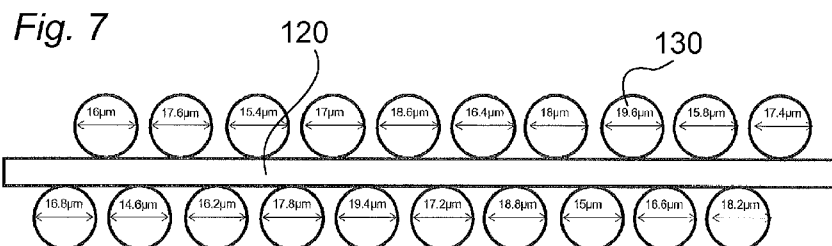
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(54) Title: RESONATOR OPTIMISATION



(57) Abstract: A device comprising: a substrate (110); a plurality of resonators (130) on the substrate, each of the resonators of the plurality of resonators being resonant at a predetermined wavelength of electromagnetic radiation and at least some of the resonators being arranged to operate in different resonance orders; a waveguide (120) on the substrate, the waveguide being coupled to the plurality of resonators for guiding the electromagnetic radiation to the plurality of resonators, wherein the resonance order of each resonator along the waveguide is optimised to maximise the coupling of light into the resonators.

