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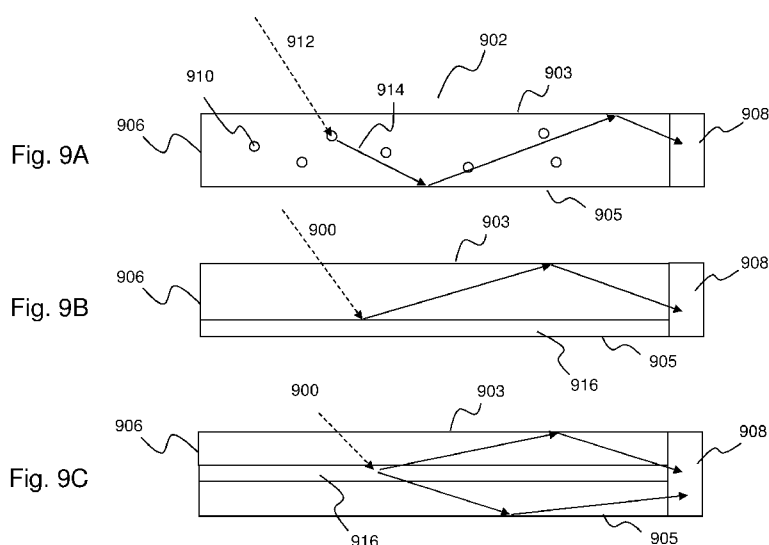
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- (54) **Title:** Tm²⁺ LUMINESCENT MATERIALS FOR SOLAR RADIATION CONVERSION DEVICES



- (57) **Abstract:** A solar radiation conversion device is described that comprises a luminescent Tm²⁺ inorganic material for convert-
ing solar radiation of at least part of the UV and/or visible and/or infra red solar spectrum into infrared solar radiation, preferably
said infrared solar radiation having a wavelength of around 1138 nm; and, a photovoltaic device for converting at least part of said
infrared solar radiation into electrical power.

