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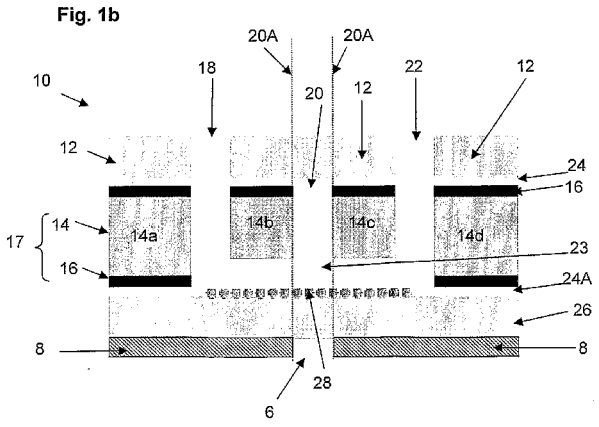
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(54) **Title**: SENSOR CHIP FOR BIOLOGICAL AND CHEMICAL SENSING

Fig. 1b



(57) **Abstract**: A sensor chip comprising: a micro/nanofluidic channel; at least one nanostructure provided in said channel along an optical path for the transmission of a light beam; a light transparent element disposed along the optical path and arranged to allow transmission of light onto said nanostructure; and a non-transparent element surrounding at least a portion of said optical path to at least partially reduce light scatter from the optical path.