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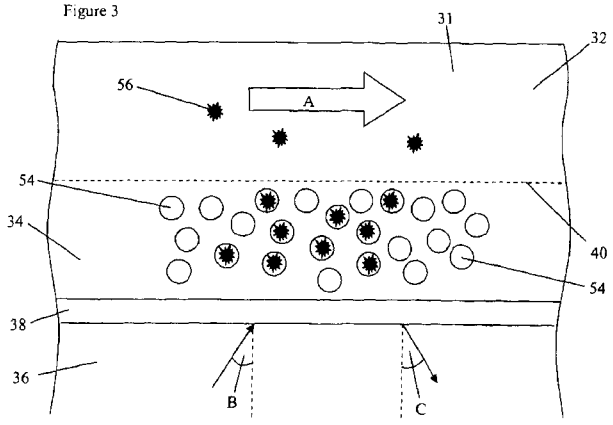
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(54) Title: OPTICAL SENSOR

Figure 3



(57) Abstract: An optical sensor comprising a waveguide having a sensing layer which is molecularly imprinted such that it will receive and retain target entities to be sensed, the optical sensor further comprising a detection apparatus arranged to detect a change of an optical property of the waveguide which occurs when the target entities are received and retained in the sensing layer.