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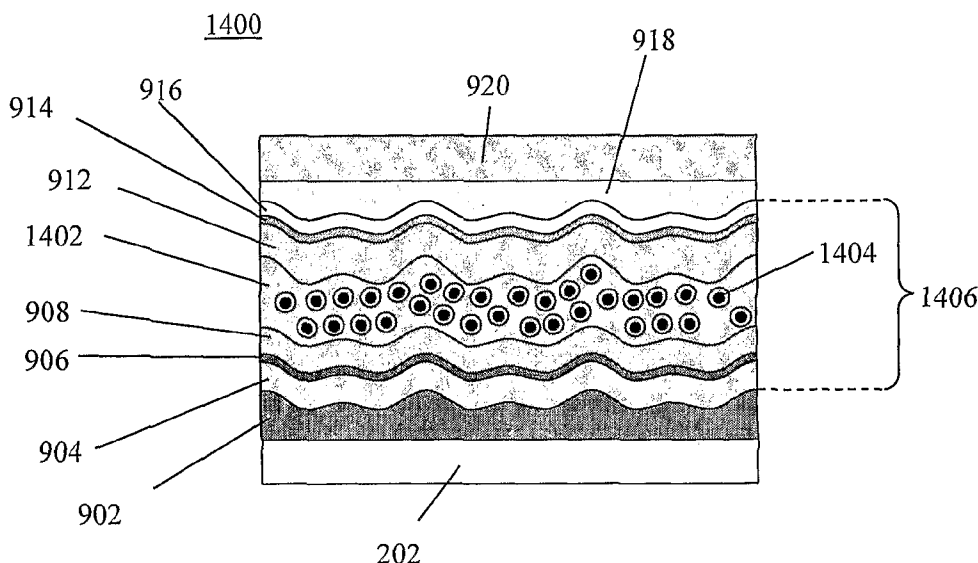
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(54) Title: FEEDBACK AND COUPLING STRUCTURES AND METHODS



(57) Abstract: A light emitting device may include a light emitting layer including an organic semiconductor material with a liquid crystalline structure, one or more feedback structures, and a coupling structure. The one or more feedback structures may cause light emitted by the light emitting layer to be fed back through it along an axis in the plane of the device, thereby promoting the stimulated emission of light in the light emitting layer. The coupling structure couples some friction of the feedback light out of the device. The coupled light may be emitted along an axis substantially normal to the plane of the device or at predetermined angles. The coupling and feedback structures may have a corrugated structure, a continuous variation of refractive index along an axis in the device plane, a period refractive index, or any combination thereof. The coupling and feedback structures may be separate, share common portion or combined together.

WO 2006/023480 A3



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B. FIELDS SEARCHED
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 EAST

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4,602,847 A (BORN et al.) 29 July 1986 (29.07.1986), column 4, lines 2-67.	1-141

Further documents are listed in the continuation of Box C. See patent family annex.

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