

Title (en)

OPTICAL TECHNIQUE FOR ANALYZING INSECTS, SHRIMP AND FISH

Title (de)

OPTISCHES VERFAHREN ZUR ANALYSE VON INSEKTEN, GARNELEN UND FISCHEN

Title (fr)

TECHNIQUE OPTIQUE POUR L'ANALYSE D'INSECTES, DE CREVETTES ET DE POISSONS

Publication

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Application

EP 21909721 A 20211227

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Abstract (en)

[origin: WO2022137243A1] A novel technique for automated analysis of organisms like insects, shrimp and fish. The technique comprises detection of structures and/or organs in the organisms in a flow-system. Alternatively or in addition, the technique may comprise sorting of the organisms, for example sex separation of the organisms in the flow system. The technique may comprise steps of: (a) illuminating the organisms in a detection region, (b) imaging the organisms in the detection region, with an extended depth of field that spans at least one-fourth of their thickness and from at least two different directions; (c) analyzing the images for the presence of one or more features, structures and/or organs of interest.

IPC 8 full level

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CPC (source: EP IL)

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