

Title (en)

DETECTION DEVICE FOR DETECTING CONTAMINATION

Title (de)

DETEKTIONSVORRICHTUNG ZUR DETEKTION VON VERSCHMUTZUNGEN

Title (fr)

DISPOSITIF DE DE DÉTECTION POUR LA DÉTECTION DE SALISSURES

Publication

**EP 3740749 A1 20201125 (DE)**

Application

**EP 19701058 A 20190115**

Priority

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- EP 2019050858 W 20190115

Abstract (en)

[origin: WO2019141644A1] The invention relates to a detection device for detecting contamination of an optical element (4), comprising a coupling device (5) having a first coupling element (5a, 6) for coupling light (10) of at least one wavelength of a light source (2) into the optical element (4), and a second coupling element (5b, 7) for coupling the coupled-in light out of the optical element (4), at least one of the coupling elements (6:5a; 7:5b) comprising a hologram, and a detector (8) for detecting the light coupled out.

IPC 8 full level

**G01N 21/94** (2006.01); **G01N 21/552** (2014.01); **G01N 21/958** (2006.01); **G01S 7/497** (2006.01)

CPC (source: EP US)

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