

Title (en)

DEVICE FOR DETECTING AND MEASURING THE ROTATION OF A PERISTALTIC CASSETTE

Title (de)

VORRICHTUNG ZUR ERKENNUNG UND MESSUNG DER ROTATION EINER PERISTALTISCHEN KASSETTE

Title (fr)

DISPOSITIF POUR LA DÉTECTION ET LA MESURE DE LA ROTATION D'UNE CASSETTE PÉRISTALTIQUE

Publication

**EP 2689135 A1 20140129 (FR)**

Application

**EP 12717475 A 20120315**

Priority

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- IB 2012051246 W 20120315
- EP 12717475 A 20120315

Abstract (en)

[origin: EP2503150A1] The device has a sensor e.g. optical sensor, arranged to detect passage of distinctive elements e.g. orifices (2), positioned on a spacer (1), by counting number of the distinctive elements detected during rotation of peristaltic cassette. The spacer is defined by opposite internal and external faces that are respectively directed toward interior and exterior of the cassette. The orifices are placed at irregular intervals representing a specific identification sequence of the cassette. The distinctive elements are placed on a circular trajectory of the spacer. Independent claims are also included for the following: (1) a method for determining rotation speed of cassette (2) a method for differentiating disposable peristaltic cassette and multipurpose peristaltic cassette (3) a method for recognizing an original peristaltic cassette.

IPC 8 full level

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Citation (search report)

See references of WO 2012127377A1

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