

系級：藥學系三年級

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藥學科技（二），學習使用 Innovation

1. 有關單眼相機的焦點尋找功能的專利尋找

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Bibliography

Original Title ?
Single lens reflex camera comprising a focus detecting apparatus and method of photographing

Assignee/Applicant ?
Standardized: SAMSUNG ELECTRONICS CO LTD
Original: Samsung Electronics Co. Ltd., KR

Inventor ?
Moon Kyoung-Hwan, Yongin-Si, KR

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Abstract

Abstract ?
An SLR camera having a focus detecting apparatus and a photographing method disclosed. The SLR camera may include an AF sensor, the pixels of which may be disposed

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Images

Image 1/8

Zoom (+)

110 115 185 190 180 130 140 170 160 123 126 156 155 154 153 152 151 120

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SUMMARY OF THE DISCLOSURE

An SLR camera consistent with an aspect of the present disclosure may comprise an auto focusing (AF) sensor having pixels of different sizes or disposed at different intervals and a control unit. The control unit may be configured to control a focus of the SLR camera based on sampling levels of the pixels.

The size of each of the pixels may be determined according to its respective location in the AF sensor and based on the number of pixels included in a portion of the AF sensor that produces an output having the shortest period among a plurality of outputs produced by different portions of the AF sensor.

The control unit may normalize the plurality of outputs produced by the AF sensor based on the respective sizes of pixels of the different portions of the AF sensor.

The size of each of the pixels included in a period of the plurality of outputs may be the same.

The sizes of the pixels included in a period of the plurality of outputs may be different from each other.

The AF sensor may be configured to produce first and second image outputs in response to an optical input. The pixels may have respective sizes such that those pixels included in a period of the first image output are equal in number as those pixels included in the same period of the second image output.

The AF sensor may produce first and second image outputs in response to an optical input. Each of the first and second image outputs may have at least two periods that are different from each other. The respective sizes of the pixels are such that a predetermined common number of pixels are included in each of the at least two periods of each of the first and second image outputs.

The AF sensor may be configured to produce first and second image outputs in response to an optical input. Each of the first and second image outputs may have at least two periods that are different from each other. The intervals between the pixels may be such that each of the at least two periods of each of the first and second image outputs includes pixels in equal number as those pixels included in a reference one of the at least two periods of the first image output.

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Images

Image 2/8

Zoom (-)

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2. 心得

這個系統功能非常強大，我們在做任何研究之前，都可以先上來檢索看看是否有人已經先一步完成，只是覺得專利申請真的是太刺激了，要做全面的敘述，才不會有侵權，或是被侵權的情況發生。

覺得學校應該要多買一些相關的使用，讓學生可以真正全盤的利用這個系統查資料（scifinder 也是），謝謝老師這幾堂課帶我們認識了這些東西，讓我們可以利用他們得到更多資訊，尤其是在這個資訊爆炸的時代，得到更精準的訊息。