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(71) Applicant: **CANON KABUSHIKI KAISHA**  
**Tokyo 146-8501 (JP)**

(72) Inventor: **MARUYAMA, Naoki**  
**Tokyo, 146-8501 (JP)**

(74) Representative: **Canon Europe Limited**  
**European Intellectual Property Group**  
**4 Roundwood Avenue**  
**Stockley Park**  
**Uxbridge UB11 1AF (GB)**

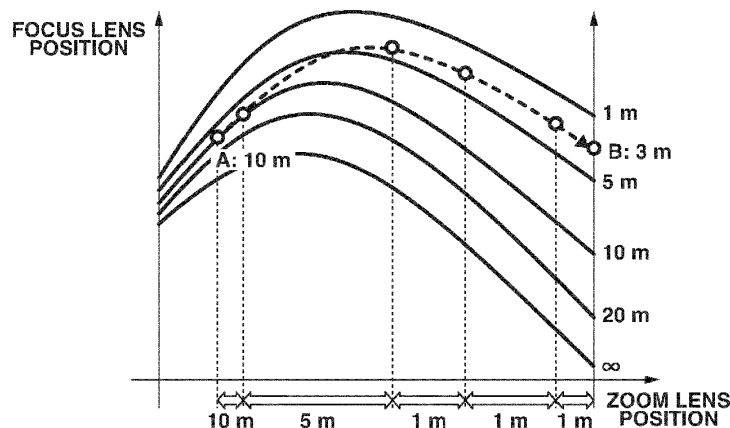
(30) Priority: **08.11.2022 JP 2022178645**

**(54) IMAGING CONTROL APPARATUS, IMAGING CONTROL METHOD, PROGRAM, AND STORAGE MEDIUM**

(57) An apparatus includes first drive means for driving a zoom lens and change an angle of view, second drive means for driving a focus lens and change a focus position, acquisition means for acquiring first and second imaging conditions, wherein an imaging parameter including a zoom magnification and a focus position is set for each of the first and second imaging conditions, first control means for controlling the first drive means to perform a zooming operation from the zoom magnification

of the first imaging condition to the zoom magnification of the second imaging condition, and second control means for controlling the second drive means during the zooming operation based on correspondence information indicating a focus lens position with respect to a zoom lens position, to change from the focus position of the first imaging condition to the focus position of the second imaging condition in one direction.

**FIG.6**



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EUROPEAN SEARCH REPORT

Application Number  
EP 23 20 7528

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Y	* abstract * * column 4, line 15 - line 40 * * column 5, line 17 - column 6, line 18 * * column 8, line 55 - column 9, line 37 * * figures 1-9 *	7-11	H04N23/69 H04N23/62 G02B7/10 G02B7/28
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The present search report has been drawn up for all claims			
Place of search <b>Munich</b>		Date of completion of the search <b>17 July 2024</b>	Examiner <b>Schreib, Franz</b>
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document	

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EUROPEAN SEARCH REPORT

Application Number  
EP 23 20 7528

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DOCUMENTS CONSIDERED TO BE RELEVANT			
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			TECHNICAL FIELDS SEARCHED (IPC)
The present search report has been drawn up for all claims			
Place of search <b>Munich</b>		Date of completion of the search <b>17 July 2024</b>	Examiner <b>Schreib, Franz</b>
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document	

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**CLAIMS INCURRING FEES**

The present European patent application comprised at the time of filing claims for which payment was due.

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Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):

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No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.

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**LACK OF UNITY OF INVENTION**

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

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see sheet B

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All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.

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As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.

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Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:

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None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

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The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).



LACK OF UNITY OF INVENTION  
SHEET B

Application Number  
EP 23 20 7528

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The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

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1. claims: 1-7, 13-15 (completely); 12 (partially)

Focus lens and zoom lens control based on cam curve  
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2. claims: 8-11 (completely); 12 (partially)

User interface for defining imaging conditions  
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ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.

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5 This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
The members are as contained in the European Patent Office EDP file on  
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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82