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Kudoh

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(54) **LENS BARREL HAVING RETRACTABLE LENS, AND IMAGE PICKUP APPARATUS**

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(57) **ABSTRACT**

A lens barrel which is capable of retracting a retractable lens group by a simple construction and realizing stable image quality. The lens barrel has a lens, a first lens holding member that holds the lens, a second lens holding member that holds the first lens holding member and moves in a direction of an optical axis in conjunction with the first lens holding member, a drive mechanism that moves the first lens holding member between a shooting position on the optical axis and a retracted position outside the optical axis, and a first guide bar and a second guide bar. The drive mechanism retracts the first lens holding member from the shooting position to the retracted position while holding the second lens holding member on the optical axis. The first and second guide bars guide the second lens holding member in the direction of the optical axis.

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(52) **U.S. Cl.**

CPC **G02B 7/102** (2013.01)

(58) **Field of Classification Search**

CPC G02B 7/02; G02B 7/04

USPC 359/817, 819, 811, 642; 396/73, 75, 396/348-350

See application file for complete search history.

8 Claims, 9 Drawing Sheets

