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(19) **United States**(12) **Patent Application Publication** (10) **Pub. No.: US 2023/0231672 A1**  
(43) **Pub. Date: Jul. 20, 2023**(54) **METHOD AND APPARATUS FOR  
OBTAINING RESOURCE INDICATION  
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Warsaw (PL); **Lixia Xue**, Beijing (CN)(21) Appl. No.: **18/188,874**(22) Filed: **Mar. 23, 2023****Related U.S. Application Data**(63) Continuation of application No. 17/085,330, filed on  
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(2023.01)(57) **ABSTRACT**

This application provides a method and apparatus for obtaining a resource indication value. The method includes: a terminal receives downlink control information, which includes a resource indication value determined based on a first bandwidth part and indicates a data channel occupying contiguous virtual resource blocks in a second bandwidth part, and sends or receives the data channel, wherein a number  $RB_{start}$  identifying the starting virtual resource block of the contiguous virtual resource blocks, a quantity  $L_{RBs}$  of the contiguous virtual resource blocks, and the resource indication value RIV satisfy following relation:  $RB_{start} = \lfloor K \cdot RB'_{start} \rfloor$ , and  $L_{RBs} = \lfloor K \cdot L'_{RBs} \rfloor$ , wherein K is a positive number and satisfies  $K \leq \lfloor N_{RB}^{BWP2} / N_{RB}^{BWP1} \rfloor$ ,  $N_{RB}^{BWP1}$  referring to a bandwidth of the first bandwidth part, and  $N_{RB}^{BWP2}$  referring to a bandwidth of the second bandwidth part; and  $RIV = N_{RB}^{BWP1} (L'_{RBs} - 1) + RB'_{start}$  when  $(L'_{RBs} - 1) \leq \lfloor N_{RB}^{BWP1} / 2 \rfloor$ , or  $RIV = N_{RB}^{BWP1} (N_{RB}^{BWP1} - L'_{RBs} + 1) + (N_{RB}^{BWP1} - 1 - RB'_{start})$  when  $(L'_{RBs} - 1) > \lfloor N_{RB}^{BWP1} / 2 \rfloor$ .

