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(54) Title (EN): COMMUNICATION DEVICE AND COMMUNICATION METHOD

(54) Title (FR): DISPOSITIF DE COMMUNICATION ET PROCÉDÉ DE COMMUNICATION

(54) Title (JA): 通信装置及び通信方法

(57) Abstract:

(EN): [Problem] To provide a communication device capable of promptly determining a beam suitable for communication, when communication by a beam becomes impossible while transmission by a directional beam is being performed. [Solution] Provided is a communication device comprising a control unit that changes, for each beam group composed of a plurality of directional beams, settings for sweeping by a directional beam when communication to a device by the directional beam is reset. The control unit allocates resources to the plurality of beam groups at one time.

(FR): Le problème décrit par la présente invention est de fournir un dispositif de communication capable de déterminer rapidement un faisceau approprié pour une communication, lorsqu'une communication par un faisceau devient impossible lorsque la transmission par un faisceau directionnel est exécutée. La solution selon l'invention porte sur un dispositif de communication comprenant une unité de commande qui change, pour chaque groupe de faisceaux composé d'une pluralité de faisceaux directionnels, des réglages pour le balayage avec un faisceau directionnel lorsqu'une communication vers un dispositif par le faisceau directionnel est réinitialisée. L'unité de commande attribue des ressources à la pluralité de groupes de faisceaux à un moment.

(JA): 【課題】指向性ビームによる送信が行われている際に、ビームによる通信が出来なくなると、速やかに通信に相応しいビームが決定することが可能な通信装置を提供する。 【解決手段】装置への指向性ビームによる通信を再設定する際における該指向性ビームによる走査の設定を、複数の前記指向性ビームからなるビームグループ毎に変化させる制御部を備え、前記制御部は、前記複数のビームグループに対するリソースの割り当てを一度に実施する、通信装置が提供される。

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