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**(54) Title (EN):** OUTBOARD MOTOR LIFTING DEVICE

**(54) Title (FR):** DISPOSITIF DE LEVAGE DE MOTEUR HORS-BORD

**(54) Title (JA):** 船外機昇降装置

**(57) Abstract:**

**(EN):** In order to achieve an outboard motor lifting device which can automatically change the speed of lifting depending on the state of the outboard motor, this outboard motor lifting device (1) is provided with a first oil path which connects a pump (42) and a lower chamber of a tilt cylinder (14), a second oil path which connects the first oil path and a lower chamber of a trim cylinder (12), a switching valve (60) which is provided on the second oil path, and a control unit (100) which refers to a hull state signal and controls the switching valve (60).

**(FR):** Afin d'obtenir un dispositif de levage de moteur hors-bord qui peut modifier automatiquement la vitesse de levage en fonction de l'état du moteur hors-bord, le présent dispositif de levage de moteur hors-bord (1) est pourvu d'un premier trajet d'huile qui relie une pompe (42) et une chambre inférieure d'un vérin de basculement 14, un second trajet d'huile qui relie le premier trajet d'huile et une chambre inférieure d'un compensateur 12, une soupape de commutation (60) qui est disposée sur le second trajet d'huile, et une unité de commande (100) qui se réfère à un signal d'état de coque et commande la soupape de commutation (60).

**(JA):** 船外機の状態に応じて昇降の速さを自動的に変更することのできる船外機昇降装置を実現する。船外機昇降装置(1)は、ポンプ(42)とチルトシリンダ(14)の下室とを接続する第1の油路と、第1の油路とトリムシリンダ(12)の下室とを接続する第2の油路と、第2の油路上に設けられた切替弁(60)と、船体状態信号を参照して切替弁(60)を制御する制御部(100)とを備えている。

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