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ZHANG et al.(10) **Pub. No.: US 2022/0369492 A1**(43) **Pub. Date: Nov. 17, 2022**(54) **TOOL-FREE SUPPORT MOUNTING
STRUCTURE AND SERVER****Publication Classification**(71) Applicant: **INSPUR SUZHOU INTELLIGENT
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Jiangsu (CN)(51) **Int. Cl.**
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Zhanlin NIU, Suzhou, Jiangsu (CN)(57) **ABSTRACT**(21) Appl. No.: **17/780,310**(22) PCT Filed: **Jun. 28, 2020**(86) PCT No.: **PCT/CN2020/098400**

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A tool-free support mounting structure is provided, including a base, a handle, and a support. The handle and the support are slidably connected along a first direction; the support and the base are clamped through a limiting slot and a limiting bulge; a slot width direction of the limiting slot is consistent with the first direction, and a slot depth direction is a second direction perpendicular to the first direction; when the limiting bulge is embedded in the limiting slot, the handle and the base are clamped through a fixing slot taking a slot depth direction as the first direction, and a fixing bulge; and an opening used for guiding the fixing bulge to enter, along the second direction, is formed in a notch of the fixing slot.

(30) **Foreign Application Priority Data**

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