

Title (en)
CONSTRUCTION MACHINE

Title (de)
BAUMASCHINE

Title (fr)
ENGIN DE CHANTIER

Publication
EP 4382675 A1 20240612 (EN)

Application
EP 22935721 A 20221216

Priority
• JP 2022060801 A 20220331
• JP 2022046416 W 20221216

Abstract (en)
Provided is a construction machine having a front work implement to be coupled with an attachment via a quick hitch, a directional control valve that controls pressurized fluid delivered from a hydraulic pump and drives an actuator of the front work implement, and an operation lever that operates the directional control valve. The construction machine also includes a lock port to be connected to a lock-side hydraulic chamber of a lock cylinder of the quick hitch, an unlock port to be connected an unlock-side hydraulic chamber of the lock cylinder, a selector valve that switches connection destinations of the lock port and the unlock port to any one of the hydraulic pump and a reservoir, a switch that operates the selector valve, a pilot drive type relief valve disposed in a hydraulic line connecting the hydraulic pump and the selector valve, and a relief pilot line that connects, to a hydraulic chamber of the relief valve, a hydraulic line to be boosted as a result of an operation of the operation lever.

IPC 8 full level
E02F 3/40 (2006.01); **E02F 9/24** (2006.01)

CPC (source: EP KR)
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