

Title (en)
HYDRAULIC MACHINE WITH TWO DISPLACEMENTS AND SAFETY VALVE

Title (de)
HYDRAULISCHE MASCHINE MIT ZWEI SCHLUCKVOLUMINA UND EINEM SICHERHEITSVENTIL

Title (fr)
MACHINE HYDRAULIQUE À DEUX CYLINDRÉES ET À VALVE DE SÉCURITÉ

Publication
EP 3163076 B1 20180613 (FR)

Application
EP 16195423 A 20161025

Priority
FR 1560347 A 20151029

Abstract (en)
[origin: US2017122285A1] The machine comprises distribution ducts connected to respective ones of first, second, and third enclosures (40, 42, 44), and a cylinder-capacity selector (21) suitable for being caused to take up a large cylinder capacity configuration in which the second enclosure (42) is connected to one of the main ducts (2), while the first and third enclosures (40, 44) are connected to the other main duct (1), and a small cylinder capacity configuration in which the second and third enclosures (42, 44) are connected to said one of the main ducts (2), while the first enclosure is connected to the other main duct (1). The machine further comprises a safety valve (150) having at least a first port (56) connected to said one of the main ducts (2), and a second port (58) connected to the third enclosure (44). Said safety valve is suitable, when the cylinder-capacity selector (21) is caused to go into the large cylinder capacity, for being caused to go into a first configuration that isolates the first and second ports (56, 58) from each other, and, when the cylinder-capacity selector is caused to go into its small cylinder capacity, for being caused to go into a second configuration that interconnects the first and second ports (56, 58).

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