

Title (en)
OPERATING CONSOLE WITH CONTROL LEVERS

Publication
EP 0230256 A3 19880511 (DE)

Application
EP 87100380 A 19870114

Priority
US 82138486 A 19860121

Abstract (en)
[origin: US4664220A] A method of arranging function controls for a vehicle, which method provides a control system that is easily converted from a two-hand control for left and right blade lift functions to a one-hand control for the same functions. The method comprises the steps of placing the blade lift levers at the extreme left and right ends of a pivot shaft inserted through the control console, with the third lever for the optional functional control placed adjacent to the right blade lift lever; and placing the left and right blade lift control valves at opposite ends of the control valve stack similarly to the placement of the left and right control levers, with the optional functional control valve placed adjacent to the right blade lift control valve as with the optional control lever. The hydraulic fittings for the left blade lift function valve and the optional functional control valve are reversible, such that to convert the control pattern from the two-hand pattern to the one-hand pattern for the blade lift levers, the operator merely needs to reverse the hydraulic fittings for the left blade lift function valve and the optional functional control valve. A re-identification of the levers the control valves of which have been reversed is helpful to the operator in utilizing the controls.

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B60K 37/00; **E02F 9/20**

IPC 8 full level
B60K 20/02 (2006.01); **E02F 9/20** (2006.01); **G05G 1/01** (2008.04)

CPC (source: EP US)
E02F 9/2004 (2013.01 - EP US)

Citation (search report)
• [X] GB 1568249 A 19800529 - MASSEY FERGUSON INC
• [A] US 3282123 A 19661101 - KLINGAMAN DEAN C
• [AD] US RE31646 E 19840814
• [A] PATENT ABSTRACTS OF JAPAN, Band 5, Nr. 118 (P-73)[790], 6. August 1981; & JP - A - 56 59326 (KANEKO NOUKI) 22.05.1981

Cited by
WO8904596A3

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