

Title (en)
SNAP-FASTENING DEVICE FOR PUBLIC WORKS AND MAINTENANCE IMPLEMENTS

Publication
EP 0273828 B1 19901017 (FR)

Application
EP 87402988 A 19871224

Priority
FR 8618204 A 19861226

Abstract (en)
[origin: EP0273828A1] 1. Rapid attaching device for hydraulic machine equipment articulated at the end of an arm of the said machine in which the front end of the arm comprises a rotational shaft defining the centre of gyration of the equipment and an hydraulic jack which controls the rotation of the equipment of the type comprising a frame formed from two parallel flanges rendered integral with each other by means of struts mounted so as to pivot on the front end shaft of the arm, between the arm and the equipment, the frame being supported by the pivot shaft of the equipment and comprising an hydraulic bolt for maintaining the connection between the tool and the arm, characterized in that ; - the frame comprises a hook (5a) engaging on a boss supported by the tool, the said hook being disposed substantially on the opposite side to the bolt ; - the equipment comprises integrally at least one fastening (16) for receiving the bolt (13) in such a way that the equipment is mounted on the frame and is maintained as a result, on the one hand of the hook cooperating with the boss and on the other hand by the bolt acting against the fastening which on the one hand immobilizes the fastening in position and on the other hand firmly maintains the boss (5) in the hook (5a) ; - and in that the pivot shaft (6) of the equipment is separated from the equipment itself.

IPC 1-7
E02F 3/40; **E02F 9/22**

IPC 8 full level
E02F 3/36 (2006.01)

CPC (source: EP)
E02F 3/3627 (2013.01); **E02F 3/3663** (2013.01)

Cited by
EP0666377A1; FR2900168A1; EP0594486A1; FR2697302A1; GB2265601A; GB2265601B; CN108463595A; GB2259293A; GB2259293B; US5147173A; EP0616084A1; EP0448788A1; US5125788A; EP0859089A1; EP0569026A1; DE4214569C1; US5333695A; DE4214569C2; GB2362371A; GB2362371B; US5966850A; US5727342A; USRE37320E; USRE37339E; FR2708679A1; EP0637649A3; EP0447119A1; GB2242927A; US5110254A; GB2242927B; US6625909B1; US6481124B1; US6431785B1; WO9409215A1; WO9221828A1

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EP 0273828 A1 19880706; **EP 0273828 B1 19901017**; DE 3765631 D1 19901122; FR 2609075 A1 19880701; FR 2609075 B1 19910830

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