

Title (en)
QUICK-CHANGE DEVICE

Publication
EP 0122547 B1 19870304 (DE)

Application
EP 84103761 A 19840405

Priority
DE 3312442 A 19830407

Abstract (en)
[origin: US4632595A] A quick-change coupler for the work implements of an excavator beam with an adjustable support frame (4) at the beam, said support frame receiving by means of a hook jaw a cross-pipe fixed to the tool. The hook (6) widens starting at its tip and is provided on its backside with a slanted surface (7) cooperating with a corresponding bevel (23) at the tool in order that, after the engagement between hook and cross-pipe (21) and further pivoting of the support frame (4), this support frame be automatically centered until it is locked with respect to the tool.

IPC 1-7
E02F 3/40; **E02F 3/96**

IPC 8 full level
E02F 3/36 (2006.01); **E02F 3/40** (2006.01); **E02F 3/96** (2006.01)

CPC (source: EP US)
E02F 3/3622 (2013.01 - EP US); **E02F 3/3645** (2013.01 - EP US); **E02F 3/3672** (2013.01 - EP US); **Y10T 292/0959** (2015.04 - EP US); **Y10T 403/32327** (2015.01 - EP US); **Y10T 403/593** (2015.01 - EP US); **Y10T 403/608** (2015.01 - EP US)

Cited by
DE19650324C2; EP0521560A3; AT389906B; US5141385A; EP0321902A1; AT392307B; GB2177674A; US4810162A; US6625909B1; WO2013174372A1; WO0014342A1; US6422805B1; US6481124B1

Designated contracting state (EPC)
AT BE CH FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0122547 A1 19841024; **EP 0122547 B1 19870304**; AT E25723 T1 19870315; DE 3312442 A1 19841018; DE 3312442 C2 19860528; US 4632595 A 19861230

DOCDB simple family (application)
EP 84103761 A 19840405; AT 84103761 T 19840405; DE 3312442 A 19830407; US 59741484 A 19840406