

Title (en)  
CONTROL FOR THE SCOOP FLAP OF A CONSTRUCTION MACHINE

Title (de)  
STEUERUNG FÜR DIE SCHAUFELKLAPPE EINER BAUMASCHINE

Title (fr)  
COMMANDE DU VOLET DE LA PELLE D'UN ENGIN DE TRAVAUX

Publication  
**EP 0873452 B1 20020717 (DE)**

Application  
**EP 96905812 A 19960228**

Priority  
• DE 19513512 A 19950410  
• EP 9600803 W 19960228

Abstract (en)  
[origin: DE19513512C1] The proposal is for a control for the scoop flap (1) of a construction machine, especially an excavator, with at least one distributing regulator (9) acting with at least one hydraulic cylinder (4) to which hydraulic control pressure can be applied via at least one electrically actuated valve of at least one control device. When an actuating component (17) is triggered, the control device acting electrically therewith, the valve (10, 11) and via it the distributing regulator (9) and the hydraulic cylinder (4) are actuated according to a predeterminably timed current ramp (22).

IPC 1-7  
**E02F 3/43**; **E02F 9/22**

IPC 8 full level  
**E02F 3/43** (2006.01); **F15B 11/08** (2006.01)

CPC (source: EP KR US)  
**E02F 3/437** (2013.01 - EP KR US)

Cited by  
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Designated contracting state (EPC)  
FR GB

DOCDB simple family (publication)  
**DE 19513512 C1 19960725**; AU 4942496 A 19961030; CA 2233878 A1 19961017; CA 2233878 C 20031014; CN 1181119 A 19980506; EP 0873452 A1 19981028; EP 0873452 B1 20020717; JP 2000503747 A 20000328; KR 19980703764 A 19981205; US 6070516 A 20000606; WO 9632547 A1 19961017

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**DE 19513512 A 19950410**; AU 4942496 A 19960228; CA 2233878 A 19960228; CN 96193215 A 19960228; EP 9600803 W 19960228; EP 96905812 A 19960228; JP 53066196 A 19960228; KR 19970707164 A 19971010; US 93095598 A 19980402