

Title (en)
Draw works control system.

Title (de)
Steuervorrichtung für ein Windensystem.

Title (fr)
Système de commande de treuils.

Publication
EP 0019352 A2 19801126 (EN)

Application
EP 80301041 A 19800402

Priority
US 7900293 W 19790502

Abstract (en)
In a control system (28) for a hydraulically operated draw works or the like having a hydraulically disengaged brake (14), a transmission (10, 12) and a brake control valve (114, 122), an accumulator (174) is provided having a check valve (196) connected between the brake control valve outlet (152) and the brake (14) to modulate application of the brake (14) when it is applied after the brake (14) has been fully released and to provide unmodulation application of the brake (14) when it is applied after the brake (14) has been only partially released, thereby to minimize shock in the draw works components when a load is lowered rapidly and the brake is then applied and yet provide rapid actuation of the brake when the load is being lowered slowly.

IPC 1-7
B66D 5/26

IPC 8 full level
B66D 1/08 (2006.01); **B66D 5/26** (2006.01); **F15B 1/02** (2006.01); **F15B 11/08** (2006.01)

CPC (source: EP)
B66D 5/26 (2013.01)

Designated contracting state (EPC)
DE GB IT

DOCDB simple family (publication)
EP 0019352 A2 19801126; EP 0019352 A3 19810218; EP 0019352 B1 19840711; DE 3068492 D1 19840816; JP H025680 B2 19900205; JP S56500421 A 19810402; SU 1074400 A3 19840215; WO 8002446 A1 19801113

DOCDB simple family (application)
EP 80301041 A 19800402; DE 3068492 T 19800402; JP 50186279 A 19790502; SU 2913948 A 19800430; US 7900293 W 19790502