

Title (en)
PROPORTIONAL FOLLOWER SPOOL VALVE SYSTEM

Publication
EP 0134744 B1 19900509 (EN)

Application
EP 84420120 A 19840706

Priority
US 51157683 A 19830707

Abstract (en)
[origin: EP0202385A1] A reel speed valve assembly for controlling the speed of a combine reel including a double acting compensator valve (600), a proportional control valve (700), and a relief valve (900), a load sense valve, the reel speed valve may be operated as either a closed or open center valve and may be located at any position in a stack with minimal adjustment to manufacturing procedures. A feedback loop from an assembly outlet port (300) to an assembly inlet port (500) maintains a substantially constant pressure drop across the valve assembly.

IPC 1-7
F15B 9/02; F15B 13/042; F16K 11/07

IPC 8 full level
F15B 13/043 (2006.01); **F15B 9/02** (2006.01); **F15B 13/04** (2006.01); **F15B 13/042** (2006.01); **F16K 11/07** (2006.01)

CPC (source: EP)
F15B 13/0402 (2013.01); **F15B 13/0417** (2013.01)

Cited by
US5042363A; US5586526A; EP0202385A1; WO9429577A1

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

DOCDB simple family (publication)
EP 0202385 A1 19861126; AT E52575 T1 19900515; CA 1229022 A 19871110; DE 3482205 D1 19900613; EP 0134744 A2 19850320; EP 0134744 A3 19880316; EP 0134744 B1 19900509; JP H0776561 B2 19950816; JP S60121305 A 19850628

DOCDB simple family (application)
EP 85420098 A 19850524; AT 84420120 T 19840706; CA 458376 A 19840706; DE 3482205 T 19840706; EP 84420120 A 19840706; JP 13922584 A 19840706