

Title (en)

Reel speed valve assembly.

Title (de)

Ventilanordnung zur Regelung der Haspelgeschwindigkeit.

Title (fr)

Assemblage de valves de réglage de la vitesse du rabatteur.

Publication

EP 0202385 A1 19861126 (EN)

Application

EP 85420098 A 19850524

Priority

US 51157683 A 19830707

Abstract (en)

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 11/05

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)

Citation (search report)

- [A] GB 1231687 A 19710512
- [A] US 2462983 A 19490301 - MACDUFF STANLEY I, et al
- [A] EP 0134744 A2 19850320 - ZEUNER KENNETH W [US], et al
- [A] US 2665704 A 19540112 - KANUCH JOHN A

Cited by

CN104074825A

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