

Title (en)
CLOSED-LOOP PRESSURE CONTROL IN A DRAFTING SYSTEM

Title (de)
DRUCKREGELUNG AN EINEM STRECKWERK

Title (fr)
RÉGULATION DE LA PRESSION DANS UN BANC D'ÉTIRAGE

Publication
EP 3867427 A1 20210825 (DE)

Application
EP 19772703 A 20190918

Priority
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• EP 2019074976 W 20190918

Abstract (en)
[origin: WO2020078651A1] In a closed-loop pressure control method for drafting system upper drums (125 - 28), an operating parameter which influences the load on a drafting system upper drum (125 - 128) is detected. In a sub-process, the pressure of the drafting system upper drum (125 - 128) is detected by means of the detected operating parameter and is displayed. The method enables a user to vary the pressure on the drafting system upper drum (125 - 128). The method may comprise ascertaining whether the detected operating parameter lies within a predetermined range or undershoots or overshoots a particular threshold value. If not, the pressure on the drafting system upper drum (125 - 128) is varied such that it is to be assumed that the stated condition is satisfied. A pressure drive portion (139; 132, 133; 134, 135; 141) of a drafting system apparatus (120) with drafting system (120) with multiple drafting system lower drums and upper drums and pressure arms (121 - 124) is configured to press a drafting system upper drum (125 - 128) against a drafting system lower drum (129 - 131) by means of a pressure arm (121 - 124). A controller (141) carries out the method by means of a pressure drive portion (139; 132, 133; 134, 135; 141) for a drafting system upper drum (125 - 128). The pressure drive portion (139; 132, 133; 134, 135; 141) has a pressure controller (141) connected between a pneumatic drive for the drafting system upper drum (125 - 128) and the associated pressure arm (121 - 124).

IPC 8 full level
D01H 5/52 (2006.01)

CPC (source: EP)
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