

Title (en)
DEHYDRATOR

Title (de)
ENTFEUCHTER

Title (fr)
DÉSHYDRATEUR

Publication
EP 3305959 A1 20180411 (EN)

Application
EP 16799324 A 20160526

Priority
• JP 2015106538 A 20150526
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Abstract (en)
Provided is a dewatering machine for improving the accuracy for detecting whether washings are biased. The dewatering machine (1) includes an electric motor (6) and a control part (30) for rotating a dewatering drum (4). When the dewatering drum (4) starts to rotate, the control part (30) measures a load of the washings (Q) in the dewatering drum (4). After the load is measured, the control part (30) rotates the motor (6) at a constant speed of a first rotating speed by controlling a duty ratio of a voltage applied to the motor (6) and then rotates the motor (6) at a constant speed of a second rotating speed higher than the first rotating speed. When the motor (6) is in an acceleration state of accelerating to the first rotating speed, the control part (30) acquires a reference duty ratio at timing determined according to the measured load. After the reference duty ratio is acquired, within a specified period, the control part (30) determines whether the washings (Q) in the dewatering drum (4) are biased according to an index indicating the change of the duty ratio with respect to the reference duty ratio.

IPC 8 full level
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CPC (source: EP US)
D06F 23/04 (2013.01 - EP US); **D06F 34/16** (2020.02 - EP US); **D06F 35/007** (2013.01 - EP US); **D06F 49/00** (2013.01 - EP);
D06F 2103/04 (2020.02 - EP US); **D06F 2103/26** (2020.02 - EP US); **D06F 2105/46** (2020.02 - EP US); **D06F 2105/62** (2020.02 - EP US)

Cited by
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BA ME

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