



(12) Patent specification

(10) SE 539 908 C2

(21) Patent application number:	1550356-8	(51) Int.Cl.:	
(45) Grant of patent:	2018-01-09	C02F 3/30	(2006.01)
(41) Available to the public:	2016-09-26	C02F 3/28	(2006.01)
(22) Filing date:	2015-03-25		
(24) Effective date:	2015-03-25		
(30) Priority data:	---		

- (73) Patentee: Xylem IP Management S.à r.l., 11, Breedewues, 1259 SENNINGERBERG LU
- (72) Inventor: Lars Uby, SPÅNGA SE
- (74) Agent: Brann AB, Box 3690, 103 59, Stockholm SE
- (54) Title: Method for controlling a treatment apparatus arrangement, a treatment apparatus arrangement for a treatment plant as well as a treatment plant
- (56) Cited documents: US 20100243558 A1 · US 20140138308 A1 · US 8323498 B2
- (57) Abstract:

According to a first aspect the invention relates to a method for controlling a treatment apparatus arrangement (3) in a treatment plant (1), the treatment plant (1) comprising a basin (2) housing a liquid comprising solid matter, the operating condition in said basin (2) being anoxic and/or anaerobic, and said treatment apparatus arrangement (3) that comprises at least one mixer machine (4) located in said basin (2) and a variable speed drive (5) operatively connected to said mixer machine (4). The variable speed drive (5) operates the mixer machine (4) alternately in a Normal Operation Mode, in which an operational speed of the mixer machine (4) is at least the highest of a suspension speed and a process speed, and a Reduced Operation Mode, in which the operational speed of the mixer machine (4) is below said suspension speed. According to a second aspect the invention also relates to a treatment apparatus arrangement and a treatment plant, respectively.

