CLAIMS

1. A wet electrostatic precipitator comprising an ancillary component cleaning device, the ancillary component cleaning device comprising:

a cleaning assembly moveably supportable within the wet electrostatic precipitator; the cleaning assembly comprising a scraper;

the scraper being configurable to abut an ancillary component of the wet electrostatic precipitator, such that movement of the cleaning assembly within the wet electrostatic precipitator causes movement of the scraper with respect to the ancillary component and wherein the ancillary component comprises a component of a separation assembly provided in the wet electrostatic precipitator to maintain electrical isolation between a discharge and collection electrodes,

wherein the cleaning device is arranged within the wet electrostatic precipitator such that the cleaning assembly is carried by a flow of cleaning fluid to move the cleaning assembly relative to the ancillary component, and

wherein the cleaning fluid comprises a flow of water configured to clean at least one collection electrode surface of the wet electrostatic precipitator.

2. A wet electrostatic precipitator according to claim 1, wherein movement of the cleaning assembly within the wet electrostatic precipitator causes movement of the scraper along a surface or edge of the ancillary component.

3. A wet electrostatic precipitator according to any preceding claim, wherein the scraper comprises a narrow elongate element.

4. A wet electrostatic precipitator according to any preceding claim, wherein the scraper comprises a wire.

5. A wet electrostatic precipitator according to any preceding claim, wherein the scraper is electrically earthable.

6. A wet electrostatic precipitator according to claim 5, wherein contact between the scraper and ancillary component causes electrical earthing of the scraper.

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