

Title (en)
HYDROCYCLONE ARRANGEMENT, AND A CORRESPONDING METHOD

Title (de)
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Title (fr)
ENSEMBLE HYDROCYCLONE ET PROCEDE CORRESPONDANT

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Abstract (en)
[origin: WO0025933A1] The invention relates to a hydrocyclone arrangement comprising an inflow (6) of the feed pulp (1), an overflow (11) and an underflow (13), whereby the inflow (6) is fed into a holding chamber (5) by a pump (3). The overflow (11) is led into a collecting chamber (7), and a free outflow is provided for the underflow (13). According to the invention, a plurality of hydrocyclones (8) which preferably have identical dimensions are provided and these are arranged in a spatially close manner such that the overflows (11) of these hydrocyclones (8) open into a common overflow collecting chamber (7), whereby the overflow collecting chamber (7) is configured as a pressure pot and, via an overflow collecting line, interacts with an adjustable control valve (15) and with a control device belonging thereto which is provided for adjusting the volumetric grit, namely the ratio of the volumetric flows of the overflow (11) and underflow (13).

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Cited by
CN117358442A; US9909333B2; WO2006117017A1; US9885194B1; US10767382B2; US9885196B2; US9896858B1; US10156083B2; US10253517B2; US10557278B2; US11236523B2

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