

Title (en)
Hydrocyclones.

Title (de)
Hydrozyklone.

Title (fr)
Hydrocyclones.

Publication
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Application
EP 83306210 A 19831013

Priority
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Abstract (en)
A small hydrocyclone (maximum vortex chamber diameter in the range 7 to 14 mm), particularly for use in separating starch from a starch-containing feedstock, has a feed passage (7) leading via a volute (8) into the vortex chamber (3, 4) of the hydrocyclone. The feed passage (7) is formed so that its hydraulic radius (i.e. the ratio of the cross-sectional area of the feed passage to the peripheral extent of the cross-section) is in the range 5.7 to 6.5% of the diameter of the vortex chamber. By this means the feed energy requirements of the hydrocyclone for achieving a given separating efficiency are reduced.

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CPC (source: EP)
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Cited by
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