Title (en)

CYCLONIC SEPARATOR FOR THE SEPARATION OF LIQUID DROPS FROM A GAS FLOW

Title (de)

ZENTRIFUGALTROPFENABSCHEIDER ZUM ABSCHEIDEN VON FLÜSSIGKEITSTRÖPFCHEN AUS EINEM DIESE ENTHALTENDEN EINSATZGASSTROM

Title (fr)

SÉPARATEUR CYCLONIQUE POUR LA SÉPARATION DE GOUTTES DE LIQUIDE DANS UN FLUX GAZEUX

Publication

EP 2512683 B1 20150318 (DE)

Application

EP 10790780 A 20101213

Priority

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Abstract (en)

[origin: WO2011082975A1] The invention relates to a centrifugal droplet separator for separating liquid droplets from a feed gas flow containing said droplets, having a vertical longitudinal axis and a circular cross-section, having a shell (1) and hoods (2) on the upper and lower ends of the shell (1), having a tangential supply (3) of the feed gas flow containing the liquid droplets on the shell (1) and having 10 outlet socket (4) for the liquid separated in the centrifugal droplet separator in the region of the lower hood (2) and having a gas outlet socket (7) for the gas flow purified in the centrifugal droplet separator in the region of the lower hood (2), which is characterized in that there are two, three or more inlet openings (9) arranged symmetrically on the circumference of the upper hood (2) for a tangential 15 supply of flushing fluid in the same direction as the supply of the feed gas flow containing the liquid droplets.

IPC 8 full level

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CPC (source: EP KR US)

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