

Title (en)
Cyclone separation apparatus

Title (de)
Zyklonabscheideapparat

Title (fr)
Appareil de séparation par cyclone

Publication
EP 1180400 A1 20020220 (EN)

Application
EP 01306516 A 20010730

Priority
GB 0018825 A 20000802

Abstract (en)
A cyclone separation apparatus 1 is described for at least partially separating one or more materials carried in a fluid. The apparatus 1 includes a cyclone body 2 having a generally part conical part 6 in which fluid entering through inlet 4 is encouraged to follow a helical path around a centrally located elongate member 12. The elongate member 12 serves to stabilise the flow of fluid through the cyclone body 2, and a coaxial arrangement 8 of tubes 9, 10 is provided at the narrow end of the part conical part 6 to extract the separated components of the fluid. <IMAGE>

IPC 1-7
B04C 3/00; **B04C 5/107**; **B04C 5/13**; **B04C 5/14**

IPC 8 full level
B04C 3/00 (2006.01); **B04C 5/107** (2006.01); **B04C 5/13** (2006.01); **B04C 5/14** (2006.01)

CPC (source: EP)
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