

Title (en)
Axial cyclone combustion chamber

Title (de)
Axialzyklon-Verbrennungsreaktor

Title (fr)
Chambre de combustion à cyclone axial

Publication
EP 0551643 B1 19970521 (DE)

Application
EP 92121807 A 19921222

Priority
DE 4200575 A 19920111

Abstract (en)
[origin: EP0551643A2] In an axial cyclone combustion chamber (1) for burning solid fuels in a rotary flow field with an essentially conical lower part (15) and a cylindrical upper part (13), an ash-removal opening (23) at the lower end of the lower part and a central waste-gas off-take opening in the top of the upper part, as well as at least one fuel supply and at least one air supply, it is envisaged, to simplify its construction, that at least one tangential air supply (8; 20a-20d; 36a-36b) is provided. <IMAGE>

IPC 1-7
F23C 3/00; **F23C 6/04**; **F23C 11/02**; **F23M 5/00**

IPC 8 full level
F23C 3/00 (2006.01); **F23C 6/04** (2006.01); **F23M 5/00** (2006.01)

CPC (source: EP)
F23C 3/008 (2013.01); **F23C 6/045** (2013.01); **F23M 5/00** (2013.01)

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Designated contracting state (EPC)
AT BE CH DE DK ES GB IT LI NL

DOCDB simple family (publication)
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