

ECLA**EUROPEAN CLASSIFICATION****F23K**

FEEDING FUEL TO COMBUSTION APPARATUS (fuel feeders specially adapted for fluidised-bed combustion apparatus [F23C10/22](#); regulating or controlling combustion [F23N](#))

F23K1/00

Preparation of lump or pulverulent fuel in readiness for delivery to combustion apparatus (filtration B01D; mixing B01F; pulverising B02C; drying F26B)

F23K1/02

- . Mixing solid fuel with a liquid, e.g. preparing slurries

F23K1/04

- . Heating fuel prior to delivery to combustion apparatus

F23K3/00

Feeding or distributing of lump or pulverulent fuel to combustion apparatus (conveying in general B65G)

F23K3/02

- . Pneumatic feeding arrangements, i.e. by air blast

F23K3/04

- . for locomotive boiler furnaces

F23K3/06

- . for shaft-type furnaces

F23K3/08

- . for furnaces having movable grate bars

F23K3/10

- . Under-feed arrangements

F23K3/12

- . . feeding by piston

F23K3/14

- . . feeding by screw

F23K3/16

- . Over-feed arrangements

F23K3/18

- . . Spreader stokers

F23K3/20

- . . . with moving hoppers

F23K3/22

- . Controlling thickness of fuel bed

F23K5/00

Feeding or distributing other fuel to combustion apparatus

F23K5/00B

- . [N: Gaseous fuel]

F23K5/00B1

- . . [N: from a central source to a plurality of burners]

F23K5/00B11

- . . [N: Details]

F23K5/02

- . Liquid fuel

F23K5/04

- . . Feeding or distributing systems using pumps ([F23K5/06](#) takes precedence)

F23K5/06

- . . from a central source to a plurality of burners

F23K5/08

- . . Preparation of fuel

F23K5/10

- . . . Mixing with other fluids

- F23K5/12 Preparing emulsions (spraying an emulsion of water and fuel into the combustion space of burners [F23D11/16](#))
- F23K5/14 . . Details thereof
- F23K5/14B . . . [N: Fuel pumps (pumps in general [F04](#))]
- F23K5/14B1 [N: combined with fans]
- F23K5/14C . . . [N: Valves]
- F23K5/16 . . . Safety devices ([F23K5/18](#) takes precedence; safety arrangements for combustion chambers [F23M11/00](#))
- F23K5/18 . . . Cleaning or purging devices, e.g. filters
- F23K5/20 . . . Preheating devices (in burners using a direct spraying action of liquid droplets or vaporised liquid into the combustion space [F23D11/44](#))
- F23K5/22 . . . Vaporising devices (in burners using a direct spraying action of liquid droplets or vaporised liquid into the combustion space [F23D11/44](#))