

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](#))