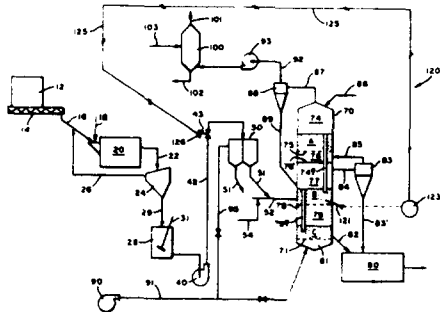


the completion of the start-up process and during high fire conditions all of the rows of tubes are pressurized to provide a deeper bed of fluidized material.

4343246

### SLURRY COAL FEED SYSTEM FOR FLUIDIZED BED REACTOR

Walfred W. Jukkola; Thomas D. Heath;  
assigned to Dorr-Oliver Incorporated

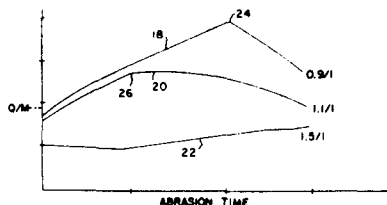


A system for the comminution of coal, slurry formation and feed of the coal slurry to a fluidized bed reactor.

4342824

### DEVELOPER WITH COATED CARRIER MATERIAL AND METHOD OF MAKING

Douglas Campbell; assigned to Imaging  
Systems Corporation



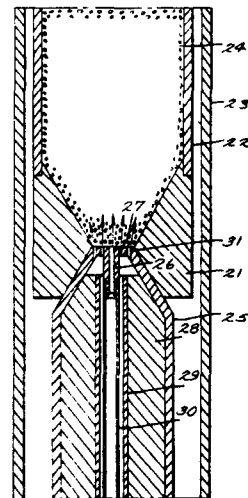
Disclosed herein is a developer with a flowable coated carrier for use in electrophotographic recordings. The carrier is coated with a solution formed by reacting a polyfunctional polyisocyanate with hydroxy containing polymers in the presence of a catalyst. The reaction occurs with a

range of 1.4 to 1.55 parts polyfunctional polyisocyanate to one part of the hydroxy containing polymer. A fluid bed process is used to coat the carrier by cycling the carrier material thru a spray of the solution until a desired coating thickness is achieved and then the material is heat cured. The carrier is coated with an aliphatic aromatic cross-linked resin having a longer useful life and better triboelectric stability.

4342284

### PROCESS FOR THE COATING OF PARTICLES FOR THE PRODUCTION OF FUEL AND/OR ABSORBING ELEMENTS FOR NUCLEAR REACTORS AND APPARATUS THEREFOR

Harald Loser; Gerhard Schmidt; Wolf-  
gang Warzawa; Klaus Wegner



Fuel, fertile material and/or absorber material containing particles for fuel and/or absorber elements in nuclear reactors are coated by a process comprising introducing thermally cleavable gases in the reaction space heated to above 1000 degrees C. of a fluidized bed unit with the help of a gas inlet nozzle cooled with a cooling medium and having an elongated inlet tube, decomposing the cleavable gases after leaving the nozzle, depositing the decomposition products on fuel, fertile material or absorber particles present