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(54) Granulated fuel feeding device and boiler comprising said device

(57) The invention relates to a feeding device (1) for transportation of a solid fuel, such as pellets, wood chips or some other granular material, to a combustion device (2) in which combustion of the transported material takes place. The feeding device (1) comprises a first feed tube (3) that is disposed to be operatively connected to a distribution device (5) for transportation of said solid fuel from a fuel supply (6) to the feeding device (1) and is disposed to be operatively connected to said combustion

device (2), via an outlet end of the feed tube (3). The feeding device (1) furthermore comprises a feed spiral (8), arranged to rotate at least partly inside the first feed tube (3) to transport the solid fuel to the combustion device (2), and which is arranged about an ignition device (9) by aid of which the solid fuel can be ignited. The invention also relates to a system for a solid fuel fired boiler comprising said feeding device (1) and a combustion device (2).

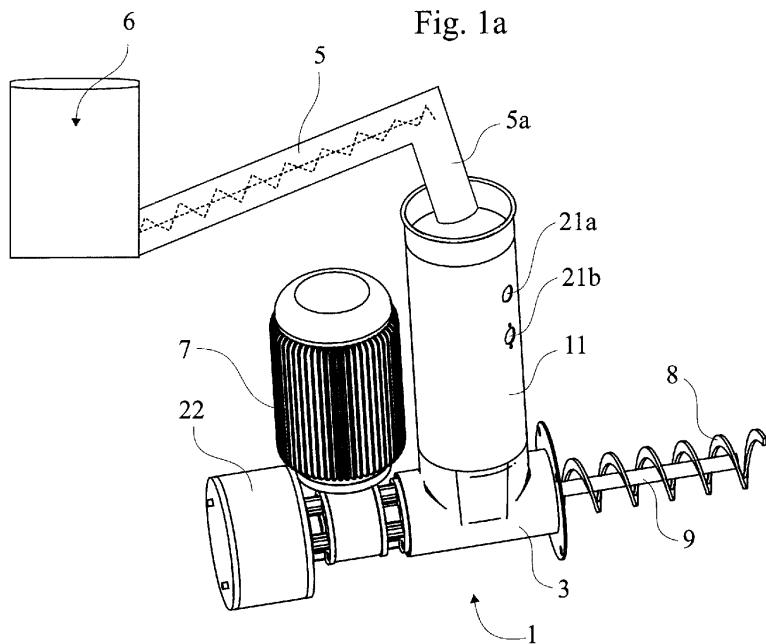
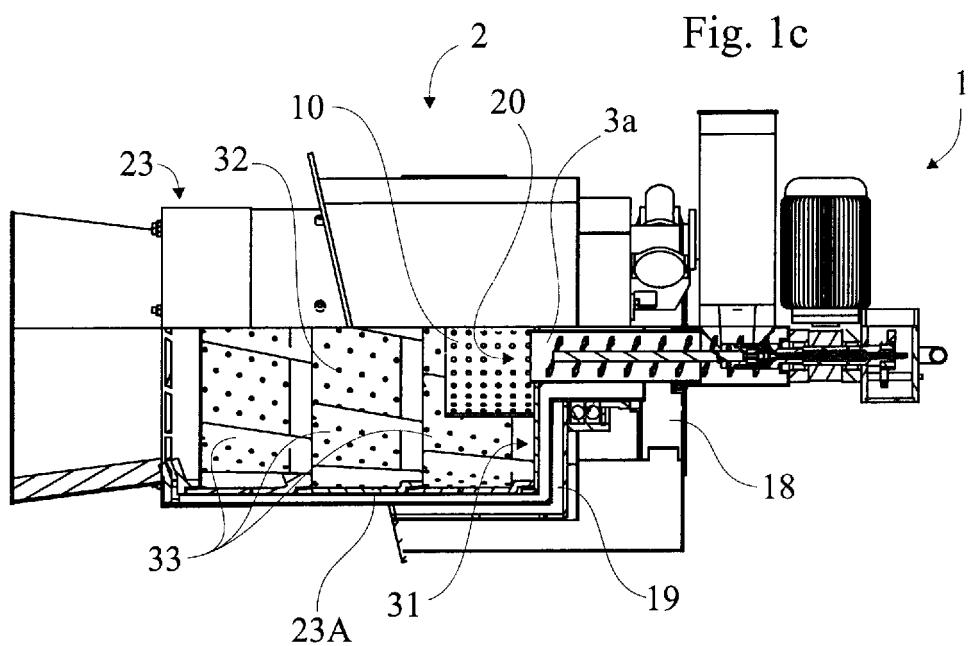
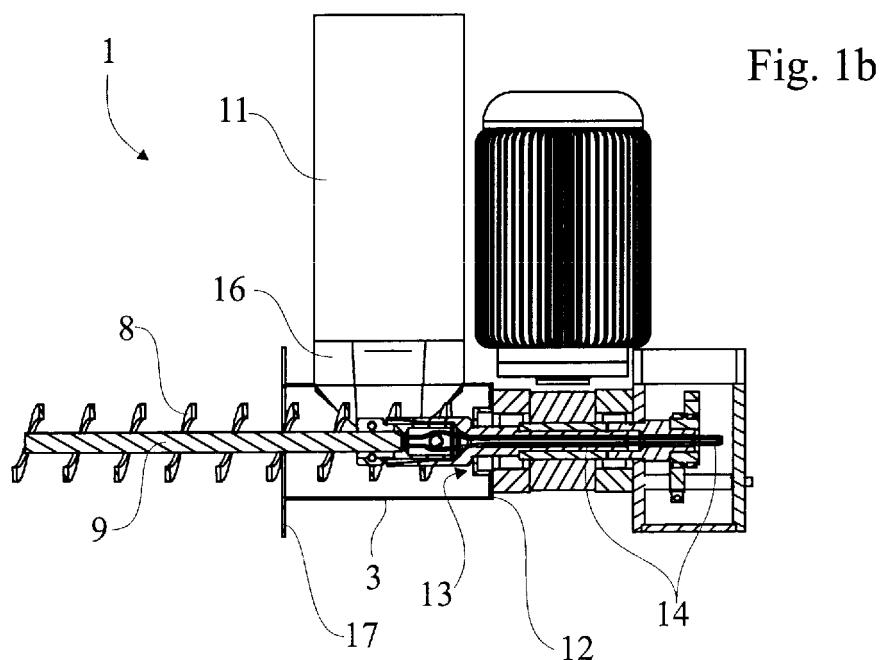


Fig. 1a





EUROPEAN SEARCH REPORT

Application Number
EP 04 10 1049

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1	Place of search The Hague	Date of completion of the search 23 June 2009	Examiner Munteh, Louis
CATEGORY OF CITED DOCUMENTS <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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