

**CPC****COOPERATIVE PATENT CLASSIFICATION****B01B****BOILING; BOILING APPARATUS; { EVAPORATION; EVAPORATION APPARATUS }****Guidance heading:****B01B 1/00****Boiling; Boiling apparatus for physical or chemical purposes** (preparation of starch [C08B 30/00](#); sugar industry [C13](#) ; steam generation [F22](#) ; domestic boilers [F24](#) ) ;  
{Evaporation in general }**B01B 1/005**

- . { Evaporation or evaporation apparatus for physical or chemical purposes, e.g. evaporation of liquids for gas phase reactions (separation by evaporation [B01D](#) ; evaporation in chemical vapor deposition or similar processes [C23C](#) ; cooling by evaporation [F01P 9/02](#); evaporation of fuels to be feeded to combustion apparatus, e.g. burners [F23D](#) ; refrigeration involving evaporation [F25B](#) ; drying involving evaporation [F26B](#) ; evaporation for preparing samples for analysis [G01N](#) ) }

**B01B 1/02**

- . Preventing foaming (in general [B01D 19/02](#))

**B01B 1/04**

- . . by chemical means

**B01B 1/06**

- . Preventing bumping

**B01B 1/08**

- . Boiling apparatus provided with reflux condenser