

**CPC****COOPERATIVE PATENT CLASSIFICATION****B01B****BOILING; BOILING APPARATUS; { EVAPORATION;  
EVAPORATION APPARATUS}****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