

**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