

CPC COOPERATIVE PATENT CLASSIFICATION

B PERFORMING OPERATIONS; TRANSPORTING (NOTES omitted)

SEPARATING; MIXING

B01 PHYSICAL OR CHEMICAL PROCESSES OR APPARATUS IN GENERAL (furnaces, kilns, ovens, retorts in general [F27](#))

B01B BOILING; BOILING APPARATUS; {**EVAPORATION; EVAPORATION APPARATUS**}

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**}

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](#))}

1/02 . Preventing foaming (in general [B01D 19/02](#))

1/04 . . by chemical means

1/06 . Preventing bumping

1/08 . Boiling apparatus provided with reflux condenser