

Title (en)  
Purification process for Sodium

Title (de)  
Verfahren zum Raffinieren von Natrium

Title (fr)  
Procédé de purification du sodium

Publication  
**EP 1258536 B1 20040707 (FR)**

Application  
**EP 02356088 A 20020513**

Priority  
FR 0106458 A 20010516

Abstract (en)  
[origin: EP1258536A1] Purification of sodium to reduce its calcium content involves contacting, at a temperature equal to or greater than 150 degrees C inside a static mixer, with a current of gas, inert with respect to sodium, charged with water vapor in a stoichiometric quantity necessary for oxidizing the calcium to lower its content to a desired level, and separating the purified sodium from the inert gas and the hydrogen and lime products from the reaction. The inert gas used may be nitrogen or argon.

IPC 1-7  
**C22B 26/10**

IPC 8 full level  
**C22B 9/05** (2006.01); **C22B 26/10** (2006.01)

CPC (source: EP US)  
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