

Title (en)

PROCESS AND DEVICE FOR EXCHANGING THE ATMOSPHERE IN A HOOD TYPE ANNEALING FURNACE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM AUSTAUSCHEN DER ATMOSPHERE IN EINEM HAUBENGLÜHOFEN

Title (fr)

PROCEDE ET DISPOSITIF PERMETTANT DE REMPLACER L'ATMOSPHERE DANS UN FOUR A RECUIRE A CLOCHE

Publication

**EP 0714452 A1 19960605 (DE)**

Application

**EP 94926826 A 19940806**

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Abstract (en)

[origin: US5730930A] PCT No. PCT/EP94/02619 Sec. 371 Date Feb. 16, 1996 Sec. 102(e) Date Feb. 16, 1996 PCT Filed Aug. 6, 1994 PCT Pub. No. WO95/05487 PCT Pub. Date Feb. 23, 1995 Fresh gas is blown into the ring-shaped space between the annealing charge and the hood as an upwardly directed high-speed jet (9) at a velocity of approximately 80 m/s. The gas mixture which forms is evacuated through a gas outlet (10) arranged in the pedestal and diametrically opposite to the gas inlet. At a volume flow rate of about 130 m<sup>3</sup>/s, rinsing takes about 6 minutes.

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