

Title (en)

System and method to prevent air bubbles in a hybridization chamber

Title (de)

System mit Einrichtung zum Verhindern von Luftblasen in einer Hybridisierkammer und entsprechendes Verfahren

Title (fr)

Dispositif et procédé pour la prévention de bulles d'air dans une chambre d'hybridation

Publication

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Application

EP 05105498 A 20050621

Priority

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- US 93143204 A 20040901

Abstract (en)

A system (1) with hybridizing chambers (5), to hybridize immobilized specimens on carriers (27), having chambers which are defined by the gap between the carrier and a cover (26), and which can be filled with a fluid, is new. The cover seals the chambers against the ambient air. A system (1) with hybridizing chambers (5), to hybridize immobilized specimens on carriers (27), having chambers which are defined by the gap between the carrier and a cover (26), and which can be filled with a fluid, is new. The cover seals the chambers against the ambient air. The system has a pressure assembly to build up the pressures within the chambers by 100 mbar to 1.4 bar over the ambient atmospheric level, to prevent the formation of air bubbles. The pressure is supplied by a pump (8) or a pressure gas bottle, linked to the chambers by pressure lines (10,11) with valves (12).

IPC 8 full level

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CPC (source: EP)

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Cited by

CN112683801A; CN114289091A; EP4046717A3; CN108431199A; EP3401386A4; US11351552B2; EP2186565A1; US12076725B2; WO2011006177A1; WO2008098094A1; US10538804B2; US11441173B2

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