

Title (en)

HYPERBARIC METHODS AND SYSTEMS FOR SURFACE TREATMENT, CLEANING, AND DRYING: THIN LIQUID H-CNX

Title (de)

HYPERBARISCHE VERFAHREN UND SYSTEME ZUR OBERFLÄCHENBEHANDLUNG, -REINIGUNG UND -TROCKNUNG: DÜNNFLÜSSIGE H-CNX

Title (fr)

PROCÉDÉS ET SYSTÈMES HYPERBARES DE TRAITEMENT, NETTOYAGE ET SÉCHAGE DE SURFACE : COUCHE MINCE LIQUIDE DE NITRURE DE CARBONE TERMINÉ PAR UN ATOME D'HYDROGÈNE

Publication

EP 3126068 A1 20170208 (EN)

Application

EP 14814322 A 20140618

Priority

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Abstract (en)

[origin: WO2014205143A1] Objects with complex surface profiles can be cleaned effectively using hyperbaric pressures. A high temperature high pressure liquid or vapor can be introduced to a sealed chamber containing an object to be cleaned, forming a thin liquid layer on the object. The pressure in the sealed chamber can be quickly reduced, evaporating the thin liquid layer, which can remove surface contaminants from the object. The process can be repeated until the object is cleaned.

IPC 8 full level

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