

Title (en)
CHUCKING SYSTEM COMPRISING AN ARRAY OF FLUID CHAMBERS

Title (de)
AUFSPANNSYSTEM MIT EINER ANORDNUNG AUS DRUCKKÄSTEN

Title (fr)
SYSTÈME DE MANDRIN COMPRENANT UN RÉSEAU DE CHAMBRES À FLUIDE

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Application
EP 07754062 A 20070326

Priority
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• US 78877706 P 20060403

Abstract (en)
[origin: WO2007126767A2] The present invention is directed towards a chucking system to hold a substrate, said system including, inter alia, a chuck body having first and second opposed sides, said first side including an array of fluid chambers arranged in rows and columns, said fluid chambers each comprising first and second spaced-apart recesses defining first and second spaced-apart support regions, with said first support region cincturing said second support region and said first and second recesses, and said second support region cincturing said second recess, with said substrate resting against said first and second support regions, with said first recess and a portion of said substrate in superimposition therewith defining a first chamber and said second recess and a portion of said substrate in superimposition therewith defining a second chamber, with each column of said first chambers and each row of said second chambers being in fluid communication with a differing source of fluid to control a flow of fluid in said array of fluid chambers.

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Citation (search report)
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• [X] JP 2000195927 A 20000714 - SONY CORP
• [X] US 6809802 B1 20041026 - TSUKAMOTO IZUMI [JP], et al
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• See references of WO 2007126767A2

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