

Title (en)  
DEVICE FOR FIXING SUBSTRATES

Title (de)  
VORRICHTUNG ZUM FIXIEREN VON SUBSTRATEN

Title (fr)  
DISPOSITIF POUR FIXER DES SUBSTRATS

Publication  
**EP 1080486 A1 20010307 (DE)**

Application  
**EP 99917978 A 19990414**

Priority  
• DE 19818478 A 19980424  
• EP 9902500 W 19990414

Abstract (en)  
[origin: US6612558B1] An apparatus for fixing and centering substrates that are each provided with an inner hole is provided. The apparatus has a housing having an axis that extends perpendicular to the plane of a substrate placed on the apparatus. A fixation unit is guided in the housing and is introducible into the inner hole of a substrate. The fixation unit includes an outer element that is moveable along the axis of the housing and relative to the housing, and also includes an inner element that is moveable along the axis of the housing and relative to the housing and to the outer element, which, by way of a relative movement of the inner and outer elements, is expandable for engagement with the inner hole of a substrate.

IPC 1-7  
**H01L 21/00**; **G11B 7/26**; **C23C 14/50**

IPC 8 full level  
**G11B 7/26** (2006.01); **B65G 49/07** (2006.01); **F16B 19/10** (2006.01); **H01L 21/68** (2006.01); **H01L 21/687** (2006.01); **G11B 17/028** (2006.01); **G11B 23/00** (2006.01)

CPC (source: EP KR US)  
**F16B 19/109** (2013.01 - EP US); **H01L 21/68** (2013.01 - KR); **H01L 21/68707** (2013.01 - EP US); **H01L 21/68714** (2013.01 - EP US); **G11B 7/26** (2013.01 - EP US); **G11B 17/0284** (2013.01 - EP US); **G11B 23/0035** (2013.01 - EP US)

Citation (search report)  
See references of WO 9956306A1

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