

Title (en)  
PLANAR LOAD CELL ASSEMBLY

Title (de)  
PLANARE LASTZELLENANORDNUNG

Title (fr)  
ENSEMBLE CELLULE DE CHARGE PLANAIRE

Publication  
**EP 3990874 A1 20220504 (EN)**

Application  
**EP 20830831 A 20200619**

Priority  
• IB 2020055761 W 20200619  
• GB 201909216 A 20190626

Abstract (en)  
[origin: WO2020261075A1] An assembly including a load cell body having contiguous cutout windows, each formed by a pair of cutout lines and connected by a cutout base, the second window being transversely bounded by the first window,; measuring beams, disposed generally along edges of the body, each defined by a respective line of the first pair of cutout lines; first and second arrangements, each having a pair of flexure beams connected by first and second bases, respectively; a loading element, extending from the second base; and strain gages, attached to the beams, and a transverse flexural arrangement.

IPC 8 full level  
**G01G 3/14** (2006.01); **G01G 9/00** (2006.01); **G01L 1/04** (2006.01)

CPC (source: EP IL)  
**G01G 3/141** (2013.01 - EP IL); **G01L 1/2243** (2013.01 - EP IL); **G01L 1/26** (2013.01 - EP IL)

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Designated extension state (EPC)  
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DOCDB simple family (publication)  
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**IB 2020055761 W 20200619**; AU 2020307463 A 20200619; CN 202080054390 A 20200619; EP 20830831 A 20200619; GB 201909216 A 20190626; IL 28919121 A 20211220