

Title (en)  
PROJECTED SCALE FOR DEPTH MEASUREMENT

Title (de)  
PROJIZIERTE SKALA FÜR TIEFENMESSUNG

Title (fr)  
ÉCHELLE PROJÉTÉE POUR LA MESURE DE LA PROFONDEUR

Publication  
**EP 3209447 A1 20170830 (DE)**

Application  
**EP 15766863 A 20150923**

Priority  
• EP 14190026 A 20141023  
• EP 2015071829 W 20150923

Abstract (en)  
[origin: WO2016062491A1] A device (2) for determining a penetration depth in a drilled hole which is drilled into a workpiece (W) from a workpiece surface (WO) with a drill of a drilling machine (1). The device contains at least one light source (9) for projecting a light field (17), for example onto a workpiece (W) to be processed by the drilling machine (1). The light source (9) is positioned with respect to the drilling machine (1) in such a way that a centre axis (L) of the light source (9) runs at an angle (a) with respect to a central axis (L) of the drilling machine (1), and at least a first blocking element (12a, 12b, 12c) for partially covering the light source (9) is provided, said blocking element (12a, 12b, 12c) generating a scaling device (19) on the light field (17).

IPC 8 full level  
**B23B 49/00** (2006.01); **B23Q 17/22** (2006.01); **B23Q 17/24** (2006.01); **B25F 5/00** (2006.01); **B25H 1/00** (2006.01)

CPC (source: EP US)  
**B23Q 17/2233** (2013.01 - EP US); **B23Q 17/2404** (2013.01 - US); **B23Q 17/2414** (2013.01 - EP US); **B23Q 17/2428** (2013.01 - US); **B25F 5/003** (2013.01 - EP US); **B25H 1/0092** (2013.01 - EP US); **G01B 11/22** (2013.01 - US)

Citation (search report)  
See references of WO 2016062491A1

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Designated extension state (EPC)  
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