

Title (en)  
BORING RAM

Publication  
**EP 0353400 A3 19910206 (DE)**

Application  
**EP 89107906 A 19890502**

Priority  
DE 3825800 A 19880729

Abstract (en)  
[origin: EP0353400A2] In a boring ram (1) having a percussion piston (3) displaceable in a tubular housing (2), and a displaceably mounted bit (10) which is passed through a housing tip (6), is guided with a collar (14) in a housing bore (13) having a front and a rear stop (20, 15) limiting the stroke (19) of the bit (10), and is provided with a stem (16) projecting into the working space (17) of the percussion piston (3), rebounding blows are avoided when the projecting length (18) of the stem (16) is less than the maximum stroke (19) of the collar (14) between the stops (15, 20).  
<IMAGE>

IPC 1-7  
**E21B 4/14**; **E21B 7/26**

IPC 8 full level  
**E21B 7/26** (2006.01); **E21B 4/14** (2006.01)

CPC (source: EP US)  
**E21B 4/145** (2013.01 - EP US); **Y10T 279/17042** (2015.01 - EP US)

Citation (search report)  
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