

Title (en)  
WELL CEMENTING TOOL

Publication  
**EP 0250016 A3 19890308 (EN)**

Application  
**EP 87200924 A 19870518**

Priority  
GB 8614632 A 19860616

Abstract (en)  
[origin: EP0250016A2] A tool for cementing a casing or other well pipe in a well comprises a substantially tubular collar and a plurality of port openings passing through the wall of said collar, which openings are oriented at such an inclined position relative to the collar that during injection of a cement slurry from the interior of the collar into an annular space surrounding the collar the flow of cement slurry obtains a swirling motion through said annular space.

IPC 1-7  
**E21B 33/14**; **E21B 17/14**

IPC 8 full level  
**E21B 17/14** (2006.01); **E21B 33/14** (2006.01); **E21B 41/00** (2006.01)

CPC (source: EP)  
**E21B 17/14** (2013.01); **E21B 33/14** (2013.01); **E21B 41/0078** (2013.01)

Citation (search report)

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- [A] US 1715767 A 19290604 - LE FLORE JOSEPH
- [A] US 2257765 A 19411007 - DOMER SCARAMUCCI
- [A] US 2703145 A 19550301 - HILDEBRANDT ALEXANDER B

Designated contracting state (EPC)  
DE FR GB NL

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