

Title (en)  
SPRAY UNIT

Publication  
**EP 0021812 B1 19830601 (EN)**

Application  
**EP 80302094 A 19800620**

Priority  
GB 7922327 A 19790627

Abstract (en)  
[origin: EP0021812A1] A rolling mill has a number of spray units (14) for spraying lubricant liquid on to the rolls (12, 13) and the work (15) being rolled. Each unit consists of a header tank (16) carrying and communicating with an array of spray nozzles (17). In addition to being supplied with heated lubricant liquid, the header tank (16) is supplied with steam via 26 in order that any blocked nozzle (17) may be cleared. The header tank (16) also has mounted therein a steam heating pipe (22) which serves to keep contained lubricant liquid at elevated temperature should the tank be temporarily isolated from the liquid supply.

IPC 1-7  
**B21B 27/10**; B05B 15/02

IPC 8 full level  
**B05B 1/00** (2006.01); **B05B 1/14** (2006.01); **B05B 15/02** (2006.01); **B05B 15/55** (2018.01); **B21B 27/10** (2006.01); **B21B 45/02** (2006.01); **B21B 45/00** (2006.01)

CPC (source: EP)  
**B05B 15/55** (2018.01); **B21B 27/10** (2013.01); **B21B 45/0233** (2013.01); **B21B 27/106** (2013.01); **B21B 45/004** (2013.01); **B21B 45/0218** (2013.01); **B21B 45/0251** (2013.01); **B21B 45/0284** (2013.01)

Cited by  
CN104096712A; EP2808087A1; US9493895B2

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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