

Title (en)  
Wall sawing machine and saw blade

Title (de)  
Wandsäge und Sägeblatt

Title (fr)  
Machine à scier des parois et lame de scie

Publication  
**EP 0785054 B1 20021030 (DE)**

Application  
**EP 97810016 A 19970114**

Priority  
DE 19601522 A 19960117

Abstract (en)  
[origin: EP0785054A1] Reinforced and non-reinforced concrete walls are cut by a saw with a rail on which a saw head with a pivotable saw arm is rotated. The saw blade is fastened to the saw arm by means of a coupling comprising flange halves (11,17) which fit into one another. One flange (11) is fastened on to the flat side of the saw blade and the second flange half (17) is positioned on the saw arm. Preferably a drive spindle is mounted on the second flange half. The first flange half preferably forms a female flange half, with a V-shaped recess (13) open to the periphery receiving and centring a V-shaped projection (19) from the side (18) of the second, male, flange half facing the saw blade.

IPC 1-7  
**B28D 1/04**; **B27B 5/08**; **B27B 5/32**; **F16B 3/00**

IPC 8 full level  
**B27B 5/08** (2006.01); **B27B 5/32** (2006.01); **B28D 1/04** (2006.01); **F16B 3/00** (2006.01)

CPC (source: EP KR US)  
**B27B 5/08** (2013.01 - EP US); **B27B 5/32** (2013.01 - EP US); **B28D 1/04** (2013.01 - KR); **B28D 1/045** (2013.01 - EP US)

Cited by  
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Designated contracting state (EPC)  
AT CH DE FR GB IT LI SE

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