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| <b>(21) International Application Number:</b> <b>✓ PCT/SE96/01251</b><br><b>(22) International Filing Date:</b> <b>✓ 3 October 1996 (03.10.96)</b><br><b>(30) Priority Data:</b><br>✓ 9503609-1      ✓ 12 October 1995 (12.10.95)      ✓ SE<br>✓ 9600048-4      ✓ 4 January 1996 (04.01.96)      ✓ SE<br>✓ 9601310-7      ✓ 2 April 1996 (02.04.96)      ✓ SE<br><b>(71) Applicant:</b> GEBELIUS, Hjärdís, Florence, Maria (heir of the deceased inventor) [SE/SE]; P.O. Box 81, S-149 21 Nynäshamn (SE).<br><b>(72) Inventor:</b> GEBELIUS, Sven, Runo, Vilhelm (deceased).<br><b>(74) Agent:</b> NORÉN, Per, Bo, Arne; Swedpatent AB, P.O. Box 186, S-746 24 Balsta (SE). | <b>(81) Designated States:</b> AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).<br><br><b>Published</b><br><i>With international search report.</i><br><i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i><br><i>In English translation (filed in Swedish).</i> |                                                                                                                                          |

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**(54) Title:** METHOD TO PREVENT OR REDUCE FORMATION OF MAGNETISM IN TWO ADJACENTLY LOCATED SAW BLADES ROTATING IN OPPOSED DIRECTIONS, AND A DEVICE FOR UTILIZATION OF THE METHOD

**(57) Abstract**

A method and device for preventing or reducing formation of magnetism in two adjacently located saw blades (1) rotating in opposed rotary directions in relation to each other. According to the invention each saw blade (1) is arranged having a number of substantially radially extending through grooves (2, 2', 2'') having an extension within the area of the rotary centre for each saw blade (1) and the surrounding saw teeth area. The grooves (2, 2', 2'') are arranged, when rotating, to remove air existing between adjacent planes of the saw blades (1). The through grooves (2, 2', 2'') are preferably arranged having a substantially curved extension, but may also have a substantially linear extension. The grooves (2, 2', 2'') are preferably arranged having a chamfer (3) by the edge portions, arranged to increase removal of air from the space between the interacting saw blades (1).

