

Title (en)
TENNIS SHOES

Title (de)
TENNISSCHUHE

Title (fr)
CHAUSSURES DE TENNIS

Publication
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Application
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Abstract (en)
Tennis shoes, comprising soles (5) having bases (7) and a large number of horizontal reinforcement crests (9), the horizontal reinforcement crests (9) further comprising ground-contact surfaces (11), toe side wall surfaces (13), and heel side wall surfaces (15), wherein the cross sectional shape of the horizontal reinforcement crests (9) is asymmetric, the tilted angle (θ_b) of the heel side wall surfaces (15) is larger than the tilted angle (θ_a) of the toe side wall surfaces (13), a difference therebetween ($\theta_b - \theta_a$) is 10 to 60 DEG, the height (H) of the horizontal reinforcement crests (9) is 1 to 8 mm, the ratio (L2/L1) of the distance (L2) of the ground-contact surfaces (11) to a distance (L1) of a boundary part between the bases (7) and the horizontal reinforcement crests (9) is 0.2 to 0.8, and the ratio (μ_a / μ_b) of the coefficient of friction (μ_a) of a bottom surface in toe direction to the coefficient of friction (μ_b) in heel direction is 0.3 to 0.9. <IMAGE>

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IPC 8 full level
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