

Title (en)  
HOISTING APPARATUS FOR ELEVATOR

Title (de)  
HEBEVORRICHTUNG FÜR AUFZUG

Title (fr)  
APPAREIL DE LEVAGE POUR ELEVATEUR

Publication  
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Application  
**EP 03738615 A 20030701**

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Abstract (en)  
An object of the invention is to provide a hoisting system for an elevator which can reduce the weight of a traction type elevator system. <??  
>Means for attaining the object is provided with a hoisting system for an elevator, including a pressing roller for pressing the rope against the outer circumferential surface of the sheave, the pressing roller being rotatably supported on a non-rotational member and having a pressing means for pressing the roller against the rope, the pressing roller in its outer circumference having an arc-like groove which is brought into engagement with the rope, the outer circumference of the pressing roller being made of an elastic material, the pressing roller being constituted by at least a pair of pressing rollers which are disposed substantially symmetrically relative to a rotating center of the sheave, and the pressing roller being movable relative to the rope and including a belt wrapped between the pair of pressing rollers, whereby the pair of pressing rollers press the rope against the outer circumferential surface of the sheave via the belt wrapped between the pair of pressing rollers. <IMAGE>

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