

Title (en)
COMPOSITE SEGMENT

Title (de)
VERBUNDSEGMENT

Title (fr)
SEGMENT COMPOSITE

Publication
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Application
EP 01974837 A 20011012

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Abstract (en)
There is disclosed a composite segment, which allows an integral structure between a concrete portion and a steel material portion and a reasonable joining between the segments and is particularly suitable for a lining material of a tunnel for water channel, wherein a plurality of main reinforcements (13) and shearing reinforcements (14) are disposed in a steel shell (12) formed of main beam plates (1), joint plates (2) and back plates (3), and concrete (15) is filled therein. Joints formed of dovetail grooves (7) and cotters (8) are provided, in two stages, in and on the joint plates (2). Projections (10) for fixing are projectedly provided on the joint plates (2), and fixing plates (16) having holes 16a for fixing are projectedly provided at the end parts of the main reinforcements (13). The projections (10) for fixing are engaged with the holes (16a) to fix the end parts (13a) of the main reinforcements (13) to the joint plates (2). <IMAGE>

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