

Title (en)

METHOD AND APPARATUS FOR REPAIRING THE LININGS OF METALLURGICAL LADLES

Publication

EP 0318701 A3 19900321 (DE)

Application

EP 88117959 A 19881028

Priority

DE 3741073 A 19871204

Abstract (en)

[origin: EP0318701A2] A method and an apparatus by means of which the worn surface of the lining (3) of a steel ladle (1) can be removed while remaining true to the original contour, in a uniform layer thickness. Tools (30) on flexible displaceable arms (27) are pressed against the inner circumference (4) of the lining. Under the action of a vibrator (32), these tools exert a hammer action on the surface layer of the lining (3). A mould is then lowered into the ladle (1) and the space remaining between the mould and the inner surface (4) from which material has been removed is filled with a loose refractory mass which combines with the old lining (39) to give a new monolithic lining. <IMAGE>

IPC 1-7

B22D 41/02

IPC 8 full level

B22D 41/02 (2006.01)

CPC (source: EP US)

B22D 41/023 (2013.01 - EP US)

Citation (search report)

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