

Title (en)
DEVICE AND METHOD FOR DESCALING A SLAB

Title (de)
VORRICHTUNG UND VERFAHREN ZUM ENTZUNDERN EINER BRAMME

Title (fr)
DISPOSITIF ET PROCÉDÉ DE DÉCALAMINAGE D'UNE BRAME

Publication
EP 3525949 B1 20200715 (DE)

Application
EP 17768115 A 20170915

Priority
• DE 102016219830 A 20161012
• EP 2017073224 W 20170915

Abstract (en)
[origin: WO2018068985A1] The invention relates to a device for descaling a slab and to a method for operating same. Known descaling devices comprise at least one nozzle for spraying a first liquid under high pressure onto the upper face of the slab and a collection container which is arranged below the nozzle in the spray cone of the nozzle and is open towards the nozzle in order to collect at least some of the liquid sprayed from the nozzle. The aim of the invention is to absorb the high energy that the liquid has when the liquid is sprayed from the nozzle under high pressure onto the surface of the slab for descaling purposes. According to the invention, this is achieved in that the collection container is arranged so far below the nozzle that the slab can be guided between the nozzle and the collection container, and the collection container can be filled with a second liquid.

IPC 8 full level
B21B 45/08 (2006.01)

CPC (source: EP)
B21B 45/08 (2013.01); **B21B 45/06** (2013.01)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
DE 102016219830 A1 20180412; EP 3525949 A1 20190821; EP 3525949 B1 20200715; WO 2018068985 A1 20180419

DOCDB simple family (application)
DE 102016219830 A 20161012; EP 17768115 A 20170915; EP 2017073224 W 20170915