

Title (en)
METHOD AND SYSTEM FOR THE OPTIMISED PLANNING OF COMPLEX PRODUCTION SEQUENCES IN THE INDUSTRIAL OPERATION OF INSTALLATIONS

Title (de)
VERFAHREN UND SYSTEM ZUR OPTIMIERTEN PLANUNG KOMPLEXER PRODUKTIONSABFOLGEN IN GROSSTECHNISCHEN ANLAGENBETRIEBEN

Title (fr)
PROCÉDÉ ET SYSTÈME DE PLANIFICATION OPTIMISÉE DE SÉQUENCES DE PRODUCTION COMPLEXES DANS DES INSTALLATIONS TECHNIQUES DE GRANDE TAILLE

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Application
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Abstract (en)
[origin: WO2009030364A1] The invention relates to a method and a system for the optimised planning of complex production sequences in the industrial operation of installations, especially in the steel industry, by the programming-related use of a mixed integer optimisation method based on methods and algorithms of the Mixed Integer Linear Programming (MILP). Taking into account pre-determined rules, product characteristics, operating means characteristics, products to be produced are grouped and sequenced into product families and product groups in an optimised manner, in stages, and an optimised product sequence or production sequence is determined.

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See references of WO 2009030364A1

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