

Title (en)

DOUBLE-SIDED GRINDING DISC WITH QUICK-CHANGE SYSTEM

Title (de)

DOPPELSEITIGE SCHLEIFSCHEIBE MIT EINEM SCHNELLWECHSELTRÄGERSYSTEM

Title (fr)

DISQUE DE MEULAGE DOUBLE FACE AVEC SYSTEME DE CHANGEMENT RAPIDE

Publication

EP 3216561 B1 20210414 (EN)

Application

EP 17159603 A 20170307

Priority

NL 2016421 A 20160311

Abstract (en)

[origin: EP3216561A1] The invention relates to a quick-change system for a double-sided grinding disc, in which the grinding disc has a disc body which is provided on both sides with at least one separate grinding element. The grinding disc is robust and configured for grinding floors, walls or ceilings by means of a grinding machine. The quick-change system provides a grinding disc having an interface with a central through-hole, in which driver recesses are provided around the through-hole. Furthermore, the quick-change system provides an adapter with a bearing surface and a design which corresponds with the interface of the grinding disc. The quick-change system is advantageous, because only a single screw has to be loosened in order to reverse the double-sided grinding disc. In addition, the quick-change system is robust due to the design of the at least one driver, which is preferably provided with a concave driver profile segment.

IPC 8 full level

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Citation (examination)

JP 2000308966 A 20001107 - HONDA MOTOR CO LTD

Cited by

CN111347307A; CN107538294A; US11458595B2; WO2022243453A1

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