

Title (en)
MAGNETICALLY ASSISTED TRANSFER OF MAGNETIZABLE ABRASIVE PARTICLES AND METHODS, APPARATUSES AND SYSTEMS RELATED THERETO

Title (de)
MAGNETISCH UNTERSTÜTZTE ÜBERTRAGUNG VON MAGNETISIERBAREN SCHLEIFPARTIKEL UND VERFAHREN, VORRICHTUNGEN UND SYSTEME IM ZUSAMMENHANG DAMIT

Title (fr)
TRANSFERT ASSISTÉ MAGNÉTIQUEMENT DE PARTICULES ABRASIVES MAGNÉTISABLES ET PROCÉDÉS, APPAREILS ET SYSTÈMES ASSOCIÉS

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Application
EP 18702806 A 20180116

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Abstract (en)
[origin: WO2018134732A1] According to one embodiment, a method of making an abrasive layer on a backing is disclosed. The method can comprise: providing dispensable magnetizable abrasive particles and a distribution tool, wherein the distribution tool is configured to receive the magnetizable abrasive particles therein, and wherein the distribution tool is configured to impart at least one of a predetermined orientation and alignment of the magnetizable abrasive particles, positioning a backing adjacent to the distribution tool and spaced therefrom by a gap, applying a magnetic field to at least the backing and a portion of the gap between the backing and the distribution tool, and transferring the magnetizable abrasive particles from the distribution tool to a first major surface of the backing, wherein the magnetic field is applied during the transfer of the magnetizable abrasive particles.

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