



PATENTS & TECHNOLOGIES

NEWS RELEASE

新闻通稿

FOR IMMEDIATE RELEASE - MONDAY, MARCH 29, 2021

即时发布 - 2021年3月29日，星期一

i4F secures additional protection for its licensees on numerous Windmüller, USFloors, Shaw Industries and Classen patents featuring new material products with a locking

i4F 的专利用户将获得 Windmüller, USFloors, Shaw Industries 和 Classen 的众多的新材料锁扣地板相关专利的额外保护

- *New protection covers all new materials, including LVT, SPC and EPC products, with locking*
- *新的专利保护涵盖所有的新材料，包括 LVT, SPC, EPC 锁扣地板*
- *More freedom to operate on new material products featuring i4F locking technologies*
- *更自由地在各种新材料地板上使用 i4F 锁扣技术*
- *Offered to i4F licensees*
- *i4F 专利用户专享*

HAMONT, BELGIUM – i4F®, a group of companies bringing meaningful innovations to the flooring industry, today announced that it has secured additional worldwide protection for its licensees on numerous patents from Windmüller, USFloors, Shaw Industries and Classen.

HAMONT, BELGIUM – i4F®, 一家为地板行业提供积极创新解决方案的集团公司，今天宣布为其专利用户获取了 Windmüller, USFloors, Shaw Industries 和 Classen 的众多专利的世界范围的额外保护。

From now on, i4F licensees have the possibility to sign up for an expanded scope of protection and to access more technologies when producing and selling new materials products featuring i4F locking technologies. This increased protection comprises floor covering patents using a locking on both the long and/or short sides – with or without a bevel – featuring a thermoplastic- or mineral based core. These floor coverings are also known as luxury vinyl tile (LVT), polyvinyl chloride (PVC), multi-layer flooring (MLF), waterproof polymer core (WPC), solid polymer composite (SPC), expanded polymer core (EPC), magnesium oxide (MgO), polypropylene (PP) or polyurethane (PU).

从现在开始，i4F 的专利用户可以通过签署扩充保护在生产和销售 i4F 锁扣新材料地板时获得更多技术使用权。这些额外的保护涵盖有关热塑材料和矿物材料为主的芯材制造的长短边同时或者单独具有锁扣且无论是否有倒角的地板产品的相关专利。这些地板材料也常被称为豪华乙烯基地砖(LVT)、聚氯乙烯(PVC)、多层地板(MLF)、防水聚合物芯材(WPC)、固体聚合物复合材料(SPC)、发泡聚合物芯材(EPC)、氧化镁(MgO)、聚丙烯(PP)或聚氨酯(PU)。

i4F's existing strategic partnership with Classen, in place since 2017, is unchanged. This partnership continues to give i4F exclusive sub-licensing rights for one of Classen's other IP portfolios, comprising over five hundred patents, covering key flooring materials as well as important inventions including digital printing and liquid laminate technology (LLT).

i4F 同 Classen 在 2017 年签署的现存的战略合作伙伴协议维持不变。这个合作使得 i4F 拥有 Classen 其他知识产权组合，其中包括 500 余个专利的独家许可权。这些专利不仅涵盖了重要的地板材料，也包括了如数字印刷及液态强化地板技术（LLT）的重大创新。

i4F believes this new protection offers its licensees increased freedom to operate enabling an increased focus on market opportunities. This reinforces the company's vision to facilitate accessibility to new innovations all the way to end users, and further demonstrates its ability to secure strong partnerships for the benefit of its licensees.

i4F 相信这个旨在为其专利用户提供更大自由的新的保护将更加聚焦市场机会。这不仅加强了公司努力将最新的发明带给终端消费者的愿景，也进一步展现了公司为其专利用户的利益建立强大的伙伴合作关系的能力。

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About i4F:

i4F® is an innovations group focused on the development of patents and technologies for the flooring industry. Its portfolio includes IP for flooring installation and wall mounting systems, material compositions, surface treatment, digital printing as well as laminate and board production technologies. I4F has strategic partnerships with the industry's most important IP players, including Classen, Kronospan, HMTX, UWC, Kowon, CFL Flooring, Tarkett, Kingdom Flooring, Lico, Benchwick, QuickStyle Industries and Hymmen. The company's flagship technologies, 3L TripleLock® and Click4U®, provide a unique one piece drop-lock installation technique for flooring panels that eliminates the need for an additional insert on the short side. The solution is suitable for laminate, luxury vinyl tiles, expanded polymer core, solid polymer core and wooden flooring panels. International patents and patent applications for i4F's technologies have been granted and filed in over 100 countries worldwide.

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i4F®是一家致力于地板行业专利和技术研发的高新技术集团，其专利组合包括地板安装和墙板安装，材料配比，表面处理，数字印刷，强化地板以及板材生产技术的知识产权。i4F 与行业内顶级的知识产权领导者 Classen, Kronospan, HMTX, UWC, Kowon, CFL Flooring, Tarkett, Kingdom Flooring, Lico, Benchwick, QuickStyle Industries 和 Hymmen 建有战略合作关系。公司的旗舰技术 3L TripleLock®和 Click4U®锁扣技术为地板安装提供了独一无二的整体直落式锁扣安装系统，短边安装不再需要额外的塑料插条。该技术适用于强化地板、LVT、WPC、SPC、多层实木地板和实木地板，i4F 已经在全球 100 多个国家为其相关技术申请了专利保护。

官网: www.i4f.com