

## NEWS RELEASE

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### **New Hymmen Digital Printing patents granted in the US and China extend protection to all main geographies**

- *Hymmen digital printing patent protection exclusively available via an i4F license*
- *Patents US 11141759 B2 and CN 110267813B cover digitally embossed panel surfaces with varying gloss grades*

HAMONT, BELGIUM / BIELEFELD, GERMANY – i4F and Hymmen today announced that new Hymmen patents relating to digital embossing have been granted in the United States and China. US patent 11141759 B2 and Chinese patent CN110267813B cover methods for digitally embossing panel surfaces with varying gloss grades. Both new patents are exclusively available via an i4F license. These freshly granted Chinese and US patents provide further protection for Hymmen's state-of-the-art digital embossing technologies on any type of panel material.

With immediate effect, both patents are added to i4F's Digital Printing Technologies Cluster offering the world's most advanced digital printing and digital embossing technologies. i4F's patent portfolio covers all the world's relevant jurisdictions - including the US, Europe as well as China - and is one of, if not the, most comprehensive digital printing patent portfolio for flooring on offer today.

The strategic partnership with Hymmen gives i4F exclusive licensing rights for all Hymmen's digital printing patents and technologies for flooring production, including Hymmen's award winning Digital Lacquer Embossing Plus (DLE+) technology. In addition to its exclusive licensing rights, i4F works in close collaboration with Hymmen to promote new digital printing opportunities in the flooring industry and represents Hymmen on patent protection related issues.

René Pankoke, Managing Partner of Hymmen, says, "Historically, Hymmen has maintained a strong IP position and the granting of these two new patents reinforces that even further. Digital printing continues to ramp-up as it will play a crucial role in the future of modular flooring. These new technologies offer manufacturers unlimited design and embossing-in-register flexibility on a wide range of materials."

i4F's CEO, John Rietveldt, adds, "These latest US and China patents further confirms the strength of i4F's licensable portfolio of digital printing and digital embossing patents. Accessibility to these unique technologies is only available via an i4F license offering solid patent protection in all important geographies."

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**About Hymmen:**

*Hymmen is your technology partner for excellent surfaces: The company predominantly deals with industrial production technology for the production of board materials or the surface finishing of board or roll materials. With 200 employees worldwide Hymmen works on investment projects in the following industries: Furniture, Flooring, Doors/Gates, Decorative Laminates, Building Materials, Steel & Aluminium, Composites & Technical Laminates. The offered technologies include Industrial Press & Calender Lines, Liquid coating & Lacquering, as well as Industrial Digital Printing Lines and Automation & Control Technology. Since 2008 Hymmen has put its focus of R&D on industrial digital printing. With more than 45 operating digital printing lines worldwide and a cumulated sales volume of more than 100 Mill. EUR in digital printing lines it may be seen as market leader in the woodworking industry. The latest developments in digital printing include process optimizations in decorprinting with UV-curing inks as well as the digital structuring (Hymmen DLE plus).*

*Hymmen operates a spacious technology center and laboratory in which all production processes with customers' original materials can be tested and optimized. Hymmen is the right partner for every customer seeking high-quality mechanical engineering combined with profound technological know-how, innovative strength and development potential for its own products*

*Visit [www.hymmen.com](http://www.hymmen.com)*

**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, Windmöller, CFL Flooring, Tarkett, Kingdom Flooring, Lico, Benchwick, QuickStyle Industries, Hymmen and Shaw Industries. 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. Visit [i4F.com](http://i4F.com)*